

#### Use Attainability Analysis

for

WBID 1264 East Branch

Submitted by BWR

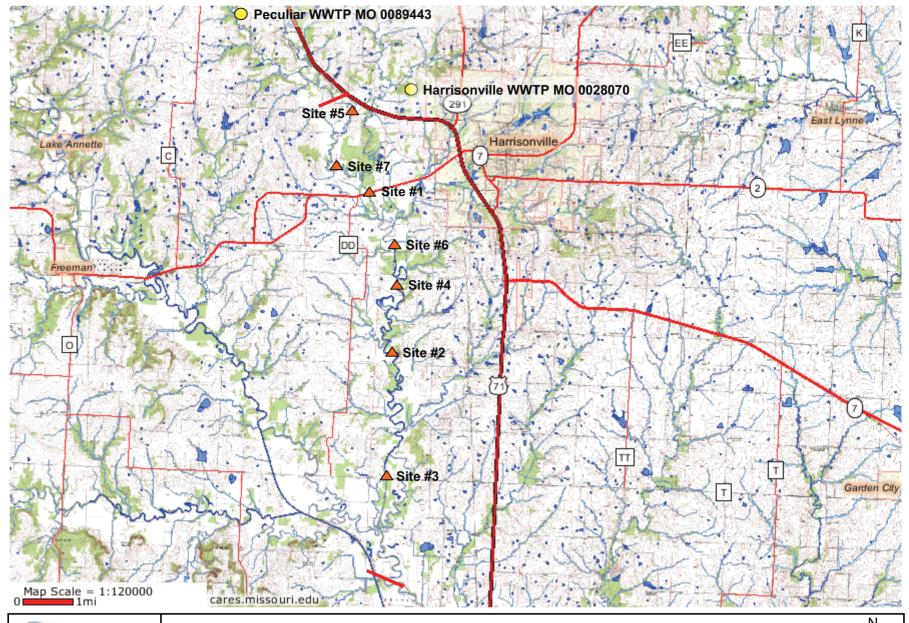
June 1, 2007

Submitted to:
Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet A - Water Body Identification

I. Water Body In	formation (For water body being st	urveyed)			
Water Body Na	ame (from USGS 7.5' quad):	Eas	t Branch		
Missouri Water	r Body Identification (WBID) Nu	mber:	264		
8-digit HUC: /	10290108		County: (ASS		
Upstream Lega	al Description (from Table H):	1,4	14N, 32W	<u> </u>	
Downstream L	egal Description(from Table H):	m.	outh		
Number of site	es evaluated 💈 🕇				
List all sites nu	umbers, listed consequently upstre	eam to dov	wnstream:		
	事多 5,7,	1.6.	42,3		
Site Y anding N					
	- ` -	ment with	assessment sites clearly labeled. Mark		
any other items tr	nat may be of interest.				
II. Subegmentat	ion (fill this section, out only in c	ases wher	e subesgmentation is being proposed)		
LOCATION COORDI	NATIES (UNIVERSALE RANSVERSE MERCATOR	PROJECTION	II Maleria		
Upstream Coo	ordinates:		Downstream Coordinates:		
UTM X	Y		UTM X Y	o nice o management programs	
HORIZONIALGOLL	ECTION METHOD (Indicate the method used to de Global Positioning System (GPS)	termine the loc	ational data) Interpolation		
Static Mode		Taka, gandaya Marija (1871)	Topographic Map or DRG	T	
Dynamic Mode (	Kinematic)		Aerial Photograph or DOQQ		
	<del></del>			+	
Precise Positioni	· · · · · · · · · · · · · · · · · · ·		Satellite Imagery		
Signal Averaging	·		Interpolation Other		
	ential Processing				
	GPS Data Quality		Interpolation Data Quality		
FOM	±Meters		Source Map Scale: 1:24,000 1:100,000		
EPE	1-7	eters			
PDOP			±Feet or ±Mete	rs	
III. Discharger	Facility Information (list all perm	itted discha	argers on the stream)		
	acility Name(s):		1		
		Harri	sonville WNTP		
Discharger P	ermit Number(s):		= 3 10 = = = 7.	v	
		08941	43 MODOJ8078	<u>)                                    </u>	
	yor (please print legibly)		011 1 112 10 - 1170	-	
	veyor Alan Mitchell	<u> </u>	Telephone Number:         913.600.438	<u> </u>	
Organization					
Position:	leam Leader				
Dl 4h.	at way have completed all gootie	ma akaale	ad all amplicable house and that evenuth	ina ia	
complete.	at you have completed an section	по, спеск	ed all applicable boxes and that everyth	mg 19	
compiece.	1000				
Signed: Olive	W. H. Lehell		Date: <u>May 22, 2007</u>		
February 5, 2007			Pag	e 22	
· ·					





East Branch WBID #1264



WBID#	1264
Site#	/

## Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization

(must be completed for each site) 20 PA Site Location Description (e.g., road crossing): Date & Time: Intersection wi county road 2 Personnel (Data Collectors); Bartle Facility Name: Peculiar WWTP Current Weather Conditions: W eather Conditions for Past 10 days: 4M0ØØ89443 Permit Number: Drought Conditions?: No drought \( \overline{ Site Locations: LOCATION COORDINATES (UNIVERSAL TRANSVERSE MERCATOR PROJECTION, IN METERS) 5. "我们的"我们"的"我们"的"我们"的"我们"的"我们"的"我们"。 Site GPS Coordinates: UTM X: 94, 39863° N HORIZONTAL COLLECTION METHOD (Indicate the method used to determine the locational data): Global Positioning System (GPS) Interpolation Static Mode Topographic Map or DRG Dynamic Mode (Kinematic) Aerial Photograph or DOQQ Precise Positioning Service Satellite Imagery Signal Averaging Interpolation Other Real Time Differential Processing HORIZONIAL ACCURACY ESTBATE **GPS Data Quality** Interpolation Data Quality **FOM** ± Meters Source Map Scale: 1:24,000 1:100,000 Other EPE ± Feet or ± Meters \_\_\_Feet or ±\_\_\_\_\_Meters PDOP Photos: Upstream Photos Downstream Photos Other Photos Photo ID# Photo Purpose Photo ID# Photo Purpose Photo ID# Photo Purpose 25 KY6 43644 Uses Observed\*: (Uses actually observed at time of survey.) □ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing □ Water skiing ☐ Wind surfing □ Kayaking ☐ Boating ☐ Wading ☐ Rafting ☐ Hunting ☐ Trapping ☐ Fishing None of the above Other: Describe: (Include number of individuals recreating, photo-documentation of evidence of recreational uses, etc. Use Data Sheet D- Recreational Use Interview when conducting interviews.) Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) ☐ City/county parks □ Playgrounds ☐ MDC conservation lands ☐ Urban areas ☐ Campgrounds Boating accesses ☐ State parks □ National forests ☐ Nature trails ☐ Stairs/walkway ☐ No trespass sign ☐ Fence ☐ Steep slopes None of the above Other: Comments: Indications of Human Use\*: (attach photos) ☐ Roads ☐ Rope swings ☐ Foot paths/prints ☐ Dock/platform ☐ Livestock Watering ☐ RV / ATV Tracks ☐ Camping Sites ☐ Fire pit/ring ☐ NPDES Discharge ☐ Fishing Tackle ☐ Other: Comments: kcom l Page 23

						-000111-0	
•						RUN: 90	2070
* Page Two - Dat	a Shoot B for W/Di	n# 12	1.4 . 0	ا ما		PIFFLE:	001.
Stream Morpholo		D# (8)	91	rC 1		POOL! 6	$\frac{0}{2}$
•	•						7/0
Upstream View'	s Physical Dimension	ons: Is the	re any water p	resent at	t this view?	Yes   No	70
		If so	, is there an ol	vious ci	urrent?	☐ Yes ☐ No	
Select one of the	following channel f	eatures:					
Charmel Feature	Distance from acces		Width (m)	Leng	th (m)	Median Depth (m)	Max. Depth (m
RIFFLE	50		8	10		0.3	0.5
RUN							
POOL						<del> </del>	
,		· · · · · · · · · · · · · · · · · · ·					
Downstream Vie	ew's Physical Dimer	sions: Is	there any wate	r presen	t at this vie	ew? Z Yes 🗆 No	•
Select one of the	following channel i		so, is there an	obvious	current?	☑ Yes □ No	0
Charmel Feature	Distance from acces		Width (m)	Leng	th (m)	Median Depth (m)	Max. Depth (m
RIFFLE				,			Mac. Depui (iii
RUN							
POOL	0		12	5	$\overline{c}$	1.0	71.0
Substrate*: (These	e values should add up	to 100%.)					700
% Cobb			% Sand		% Silt	% Mud/Clay	% Bedr
				· · · · · · · · · · · · · · · · · · ·			
Water Characteri	istics*: (Mark all that	apply.)	<del> </del>	<u> </u>	·		
Odor:	☐ Sewage ☐	Musky	☐ Chemic	al	None	☐ Other:	
Color:	□ Clear □	Green	☐ Gray	<u>.</u>	☐ Milky	☐ Other:	<del></del>
Bottom Deposit:	□ Sludge □	Solids	☐ Fine sec	liments	□ None	☐ Other:	
Surface Deposit:	□ Oil □	Scum	☐ Foam		None	☐ Other:	<del>-</del>
Comments: Please			.,				
*This information is no comprehensive undersi decision on the recreat	tanding of water condi-	ions. Cons	sequently, this in	formatio	n is not inte	nded to directly influe	nce a
Please verify that ye	ou have completed :	all section	s, checked all	applica	ble boxes :	and that everything	is complete.
Surveyor's Signature	:: Alando. Hi	detre	ell_	Date	of Survey	May 22, 2	<u></u>
Organization: Ek	AE, Inc.			Positio	n: تریدی	May 22, 20 Engr	
					•	0	<del></del>

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	WBID#	1264	Sik#	mation of median depth)	
	Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
insect A	wethof width	0.2		1 0/	
2	9.0 m	0.6		1 Channeltea	rure:
2		0-7		$\frac{2}{3}$ RUN	
4	measurements	0-7	<del></del>	···	2)
5	0.9 n	0.8		4 Dissolved O	<u>xyger                                     </u>
16		0.7		6 9.3	3
7		0.6		7 106.5	ppn
9		0.5		8 21.9	000
		0.4		9	
le	) <u> </u>	0.1		10	
0				11	
sed B	wetted width	0-3	′	12 Channel	Feature :
2		0-5		13 RUN	
3		0.6		14	
4	measurements	1		15 Dissolved	Oxygen:
5	0.9 m	0-5			J.J.
67	anart	0.6		17 9.23	ppm
9	,	6.5		18 /06./	
g		0.4		19 2/09	<u> </u>
10		0.3		20	
<i>[</i>		0-1		21	
ved()	wetted width	0.4		22	
ma Z	9.0 m	0.6		23 Channel +	eatere:
3		0.8		$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
- 9	measurements	0.6		26 Dissalved	n or
Ġ		0.6		20 DISSOIVED	Okygen.
6		0.6		. 9-32	
7		0.5			- Agen
8	'	0.4		n 2/.9%	- 6
9		0.4		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
10		0.1			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Land. Httill	Date: May 22, 2007
Organization: EHE, Inc-	Position: Ew. Engr
February 5, 2007	Page 25

	Distance from	Depth	S/k #_ \\   Rank		
	Stream edge		Kalik	Assigned Rank	Sorted depth
insect D <sub>l</sub>	Wethd width	0-3		1 Channel Fee	***
2	Do O m	0.6		2 RUN	dure:
Ú	M with the second traces	0.7		3	
1116	Measurements	0.5		4 Dissolved C	Xunen
	* O.8 p	0.6		5	
7	apart	<u> </u>		6 9.36	non
8		0.5		7 105-6	
ğ		0.5 	*	8 21.9	90
10		0.1		9	
,	:		<del> </del>	10	• •
ed E1	wetted width	Barry grant	0.2	11 12 Channel	
2	9.0 m	**************************************	0.5	120,000	teature !
3			0.5	13 RUN 14	<u> </u>
4	measurements		0-6		100
5	0.91 m		0.6	16	Oxygen:
67	apart	/20	0.8	17 9-32	nom
9		<u> </u>	0.5	18 /06.3	17
ģ			0.5	19 2/B	00
10	,		0.4	_ 20	
			0.2	21	
ved F1	wetted width			22	
2	wetted width	0.5		23 Channel of	eatire:
3		0.0		25	
. 9	measurements	<u>0.6</u>		26 Deschurch	<i>343.</i>
5	0.8 m	0.7		26 Dissolved	UKJGEN_
6	apart	0.7		. 9.37	7.793
7	n jes	0.7		105.0	non a
8		0-7		n 21.7	00
10		0.6			
"4		-0.2			† · · · · · · · · · · · · · · · · · · ·

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: 4lavo. Witchell.	Date: <u>May 22, 2007</u>
Organization: EAE, Inc.	Position: Env Engr
February 5, 2007	Toursell ( ) WY - COURT

Page 25

	Distance from	Depth	. Sike #	Assigned Rank	C-4-3-3-4
. / As	Stream edge			Assigned Nank	Sorted depth
sect #		0.3		1 Channel Fee	
1 2	1000 m	0-8		2 POOL	mie:
		1.0		3	<del></del>
	- regulernens	1.0		4 Dissolved	2
. 6	1.0 n	710		4 Dissolved C	xyger
L	apart	>1.0			<del></del>
8	<u> </u>	71.0		6 9.16 7 105.5	127
8		>1.0		8 21.8	9/-
•		0.8		9	
l	` <del> </del>	0:3		10	
æ				11	
d 🥌 j	welled width	0-3		12 Channel	Trobus :
+ 2	9.5 m	0.9		13 RUN	
		0=9		14	<del></del>
4	- 1/3			15 Dissolved	Oxugen:
5		1.0		16	1 K
67	apart	100		17 9-35	ppm
9		100		18 107-2	17
ģ		0.9		19 2/.8	00
10	)	0.8		20	
•		0.4		21	
ed 1	wetted width	0.2		22	
-2	9.0 m	0.3		23 Channel	eatire:
L 3		0.4		24 RUN	
4	measurement	Ort	<del></del>	25 26 Dissolved	
5	0.9 m	Bex		20 DISSOlved	Oxygen
6	apart	003		9 //	
7		0.3		104.3	Por
6 7 8 9		0.3		n 21.9	- 1
-		0,5		<del></del>	<del></del>
10	l	A. < O.1			<del> </del>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Harle Metabell	Date: <u>My</u> 22,2007
Organization: EAE, INC.	Position: Env. Engy
February 5, 2007	

	Distance from	Depth	Sik#_ Rank	Assigned Rank	
1	Stream edge	•		Assigned Kank	Sorted depth
nsect I	Wethed width	0.1		1 6 1	<del></del>
2	7.5 m	0.2		1 Channelte 2 RUN	ature:
4	5	0.3		1 2	
۷	measurements			4 Dissolved	<u></u>
5	0.7 n	0.1		5	xygen
L	apant	20.1			<del></del>
-	7L	0. r		6 8.22 7 95.2	- ppn
8	3	0.2		8 22.0	000
9		. 0.2		9	<u> </u>
l	Ø	· <0.\		10	<del></del>
				11	<del></del>
red -	wetled width	0.4		——————————————————————————————————————	Feature:
2		0-6		13 RUN	Turare -
7		0.6		14	
4		0.5		15 Dissolve	l Oxygen:
. 5		0.4		16	Jugare.
67	apart	0.3		<u> </u>	
G		0.2		18 108.6	ppm
9		0.1 <0.1		19 20.9	
10		50,1		20	
,,		40.1		21	
ved 1	wetted width			22	
<b>veq</b> 1	m	<u></u>		23 Channel	Featire:
3				24	
9	measurements	·		25	
5		<del></del>		26 Dissolved	Oxygen
6				<del></del>	77
7			<del>-  </del>	<del></del>	par
8				<del>-     : </del>	1/4
9				n	
10	>			<del>-                                     </del>	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Ala W. Mitchell	Date: <u>May</u> 22, 2007
Organization: EAE, INC.	Position: Eur. Eugr
February 5, 2007	Page 25

WBID#	1264
Site#	<del></del>

### Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization

(must be completed for each site)

Date & Time: Site Location Description (e.g., road crossing): intersection: E 289th St Personnel (Data Collectors): Facility Name: Reculiar WWTP, Harrisonville MIM Current Weather Conditions: Weather Conditions for Past 10 days: h van Permit Number: 👃 Drought Conditions?: No drought : Phase I : Phase II : Phase III : Phase IV : Unknown : Site Locations: LOCATION COORDINATES (UNIVERSAL TRANSVERSE MERCATOR PROJECTION, IN METERS) Site GPS Coordinates: UTM X: 94.38964°W HORIZONTAL COLLECTION METHOD (Indicate the method used to determine the locational data.) Global Positioning System (GPS) Interpolation Static Mode Topographic Map or DRG Dynamic Mode (Kinematic) Aerial Photograph or DOQQ Precise Positioning Service Satellite Imagery Signal Averaging Interpolation Other Real Time Differential Processing HORIZONTAL ACCURACY ESTEMATE 是一种企业的,但是一种企业的。 第一种企业的企业的企业的企业的企业的企业的企业的企业的企业。 **GPS Data Quality** Interpolation Data Quality **FOM** ±. \_Meters Source Map Scale: 1:24,000 1:100,000 Other EPE Feet or ± Meters \_\_\_Feet or ± \_\_\_\_Meters **PDOP** Photos: Upstream Photos Downstream Photos Other Photos Photo ID# Photo Purpose Photo ID# Photo Purpose Photo ID# Photo Purpose 47248 19A50 Uses Observed\*: (Uses actually observed at time of survey.) ☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Wading ☐ Rafting ☐ Hunting ☐ Trapping None of the above ☐ Fishing ☐ Other: Describe: (Include number of individuals recreating, photo-documentation of evidence of recreational uses, etc. Use Data Sheet D- Recreational Use Interview when conducting interviews.) Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) ☐ City/county parks □ Playgrounds ☐ MDC conservation lands ☐ Urban areas ☐ Campgrounds ☐ Boating accesses ☐ State parks ☐ National forests ☐ Nature trails ☐ Stairs/walkway ☐ No trespass sign ☐ Fence ☐ Steep slopes None of the above Other: Comments: Indications of Human Use\*: (attach photos) ☐ Roads ☐ Rope swings ☐ Foot paths/prints ☐ Dock/platform ☐ Livestock Watering RV / ATV Tracks ☐ Camping Sites ☐ Fire pit/ring ☐ NPDES Discharge ☐ Fishing Tackle ☐ Other: Comments: d rear annex February 5, 2007 All M. Way 22, 200 EAE, No. Page 23

					70	chanrel t	eature_
,						RUN: ( RIFFLE:	0500
Page Two – Data	Sheet B for WB	ID #	do4:51	te o	<del>)</del> -	_	, –
ream Morpholog			٠			900 L	1570
Upstream View's	s Physical Dimensi	ons: Is	there any water p	present at	this view?	Yes 🗆 No	
			f so, is there an o	bvious cu	irrent?	✓ Yes □ No	
	following channel						
Channel Feature RIFFLE	Distance from acce	ss (m)	Width (m)	Lengt	h (m)	Median Depth (m)	Max. Depth (m)
RUN							
POOL							
100E	10		15		0	0.5	1.0
	w's Physical Dime	feature:	If so, is there an	• .		ew? Yes No	
Channel Feature	Distance from acce	ss (m)	Width (m)	Lengt	th (m)	Median Depth (m)	Max. Depth (m)
RIFFLE	0		12	_30	2	0.3	0.5
RUN						·-	
POOL							
bstrate*: (These	values should add up		%.)% Sand				
En	resquit M	rcto	ishytes -	- 5%	<b>,</b>		
	stics*: (Mark all the		/		, <u>, , , , , , , , , , , , , , , , , , </u>		
Odor:		☐ Musky		cal	None	☐ Other:	
Color:	☐ Clear [	Green	☐ Gray	•	☐ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge [	□ Solids	☐ Fine se	diments	None	☐ Other:	
Surface Deposit:	□ Oil [	□ Scum	☐ Foam		Z None	☐ Other:	
this information is no imprehensive underst cision on the recreat ease verify that yo	tanding of water condition use analysis but not not not not not not not not not no	or remova litions. Conay point all sect	of a recreational consequently, this to conditions that ions, checked al	use design nformation need furth	n is not into er analysis ble boxes	ather is to provide a more ended to directly influer or that effect another u and that everything	nce a se. is complete.
ganization: E	:: Alandlo Ul. AE, Iv.			Position	n: <i>Euv.</i>	: May 22,2 Engr	
	•				-	γ	-

	Distance from	Depth	Rank		reion - J.D. J	
. / ^ .	Stream edge		1	As	ssigned Rank	Sorted depth
sect A	welfed width	0.0			ChannelFea	
2	1/5 m	000 1.0		2	POOL	Wie:
7 4		0301.0		3		
5	measurements  ·  n	/.0		4	Dissolved Of	waen.
6	apant					
7	apari	/s0 0.9		6	7-98	ppa
8		0.7		7	92.6 22.2	ppn
9		0,3		8 9	27.1	100
10		001		10		
				11	···	
181	welled width	0.2		12		
2	14 m			13	200701001	carure:
3		0-6		14		<del> </del>
4 5	measurements	0.7		15	Dissolved	Oxygen:
, [	1.7 m	0-9		16		W
4	apart	0.9		17	7.87	ppm
9		0,7		18		
9		0.6		19 20		00
10		0.3		$\frac{20}{21}$		
				22		
d Cf	wetted width	0.3		23		cate re
	11:0-m	0.4		24	RUN	1010
3	0.081	0.7		25		- 14
<sup>®</sup> 7	measurements	0.8	<del></del>	26	Dissolved	Okyaen
° 5	apart	0.9		_ - -		
7	- apail	0.9			8.17	Por . C
8		0.7		<del>      -</del>	74.5	Za
		0.5		<u>n</u>	22.2	-
10		0.2		<del>-                                    </del>	<del></del>	<u> </u>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

randik

Signed: Alas Miteleff	Date: Way 22, 2007
Organization: EAE, Inc.	Position: Env. Engr.
February 5, 2007	Page 25

		1264	Sik#_		i median depin	
+ 10	Distance from Stream edge	Depth	Rank		ssigned Rank	Sorted depth
Transect D	wethed width	0.3		1	Channeltea	<u> </u>
2	85 m	0-4		2	RUN	MIS.
3 4	<u> </u>	0-6		3		
	measurements	0.8	<del></del>	4	Dissolved O	kuaen.
56	0.8 n			5		V
7	apant	0.4		6	8.11	non
8	· · · · · · · · · · · · · · · · · · ·	0.3			94.0	ppn
9		0.3		8	22.2	90
lo		<0.1		9		
	· · · · · · · · · · · · · · · · · · ·		<del> </del>	10	<u> </u>	
ransed E1	wetled width	0.2		11	01	
2	1000 m	0.5	<del></del>	12		Cature:
3		0.8		14		
4	measurements			15	Dicches	
5	-100 m	0.4		16	VISSOIVED	Oxygen:
4	apart	0.3		17	-8:01	0.000
		0.3		18		ppm
9		0.2		19		or .
9		0.2		20		
10	·	10il		21		
transed F1	wetted width	6 3		22		
raived 7	10.0 m	0.4	<del> </del>	23		entere:
3		0.6		_ 24		
Ý	mensurments	0.7		25		
5	1.0 m	0.7	<del>-</del>	26	Dissolved	Okygen
6	apart			<del>-  - -</del> -		
フ		0.3			8.//	All
6 7 8 9		0.3		n	22-1	00
_ h		0.2		<del>-                                     </del>	- A5-1	<del>   </del>
10	<del></del>	0.1				
		,				<u> </u>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Alacho. At Line	Date: Way 22, 2007
Organization: EAE, Inc.	Position: Envicas
February 5, 2007	Page 25

		1264	Sik#_	2	
	Distance from	Depth	Rank	Assigned Rank	Sorted depth
17	Stream edge			1 assigned rating	Sorted deput
ansect6 l	welled width	0.3		1 Changette	
Ž	8512.5m	0.4		- AMINETPEA	Ture:
. 4	7	(0.4		$\frac{2}{3}$ RUH	<u> </u>
· 4			<del></del> -	1 1 1 1 1 1	2
.5	measurements			4 Dissolved O	Xygen
ĺ	l .	0.4	<del></del>	<del>-                                     </del>	<del></del>
-	apar.	<u> </u>	<del></del>	6 8-05	ppn
· ģ		0.0		7 <u>91.5</u> 8 52.2	7.
9		0.0	<del></del>	8 22.2	- eC
lo	<del></del>	0.3		9	
20	<u>'</u>	-0(.)		10	
. 1				11	
insed H	wetted width	0.4		12 Channel	Kature:
2		0.6		13 RUA	
3	a)	Oz 6		14	
4	measurements	0.7		15 Dissolves	1 Dunen
5	002 m	0.7		16	Oxygen:
67	apart	0.8		17 7.98	
		0.8		18 93.0	ppm
9		0.6		19 22.2	OC.
9		0.3		20	·
ĮC.	·	0.1		21	<del>-</del>
				22	
anued $I_2$	Weffed width	0.2		23 Channel +	Took was
		0.2		24	conce.
3	·	0.2		25	<del> </del>
4	measurements	0.2			Or
5		0-2		RIFEI	Okygen
6		0.2		. 817	
6 7 8 9		0.2		94.5	April
8		0.8		n 22-1	0
9		0.2		11 660	ļ <del>~</del>
10	<b>7</b>	<0.1			<del> </del>
	<del></del>		<del></del>		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Wall Millell	Date: <u>May</u> 22, 2007
Organization: <u>EAE</u> , INC.	Position: Env. Engly
February 5, 2007	Page 25

		1264	Sik# 2	ion of median depth)	
+ 13	Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
Transect 1	welfd width	0.2		1 Changette	<u> </u>
2	8.5 m	0.2		1 Channelfear 2 RIFFLE	rure:
7	<u> </u>	0.2		1 2	1
4	measurements	0./		4 Dissolved Or	Waen
5	0.8 m	0,1		5	
7	apant	0.2		6 8.41	non
Q		0.2		7 97.4	70
89		0.2			PC
lo		<0.1		9	
		20-1	<del> </del>	10	
ransed K-1	wetted width	<0-1	<u> </u>	11 12 Channel	
` 2	10.5 m	Oe1		12 Channel 7 13 RIFFLE	Cature:
3		0.3		14	<del>-</del>
4	measurements	0.3 0.2 0.2		15 Dissolved	Dec
5	-10 m	0-2		16	Oxygen:
9	apart	Q. (		17 8-34	nom
9	<u> </u>	<0.∫		18 96.0	17
9		<0.		19 22.1	oc
10		<0.1		20	
		0.1		21	
transed 1	wetted width			22	
(vansed 1 2				23 <i>Channel Fe</i>	entire:
3 4		· · · · · · · · · · · · · · · · · · ·		25	
Ч	measurements			26 Deschard	25
5	m			26 Dissolved	Ukygen
6	apart			1.	<del></del>
/					Por
67 7 9				n	
lo	<u></u>				
16	L				
				<del></del>	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: April Withtell	Date: <u>Moy</u> 22, 2007
Organization: EAE, Inc.	Position: Eur Engr
February 5, 2007	Page 25

WBID#_	1264
Site#	3

### Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization

(must be completed for each site) Date & Time: 3:50pm 5/22/2007 Site Location Description (e.g., road crossing): Personnel (Data Collectors): Current Weather Conditions: Facility Name: \ Weather Conditions for Past 10 days: Permit Number! Drought Conditions?: No drought \( \overline{L} \). Phase I \( \overline{L} \); Phase III \( \overline{L} \); Phase IV \( \overline{L} \); Unknown \( \overline{L} \) Site Locations: LOCATION COORDINATES (UNIVERSAL TRANSVERSE MERCATOR PROJECTION, IM METERS) Site GPS Coordinates: UTM X: 94.39195°W HORIZONTAL COLLECTION METHOD (Indicate the method used to determine the locational data Global Positioning System (GPS) Interpolation Static Mode Topographic Map or DRG Dynamic Mode (Kinematic) Aerial Photograph or DOQQ Precise Positioning Service Satellite Imagery Signal Averaging Interpolation Other Real Time Differential Processing HORIZONTAL ACCURACY ESTAMTE **GPS Data Quality** Interpolation Data Quality **FOM** Meters Source Map Scale: 1:24,000 1:100,000 Other EPE Feet or ± Meters \_\_\_Feet or ± \_\_\_\_\_Meters PDOP Photos: Upstream Photos Downstream Photos Other Photos Photo ID# Photo Purpose Photo ID# Photo Purpose Photo ID# Photo Purpose 53254 5/852 Uses Observed\*: (Uses actually observed at time of survey.) ☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Wading ☐ Rafting ☐ Hunting ☐ Trapping None of the above ☐ Fishing Other: Describe: (Include number of individuals recreating, photo-documentation of evidence of recreational uses, etc. Use Data Sheet D- Recreational Use Interview when conducting interviews.) Surrounding Conditions\*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) ☐ City/county parks □ Playgrounds ☐ MDC conservation lands ☐ Urban areas ☐ Campgrounds ☐ Boating accesses ☐ State parks □ National forests ☐ Nature trails ☐ Stairs/walkway ☐ No trespass sign ☐ Fence ☐ Steep slopes None of the above ☐ Other: Cornments: Indications of Human Use\*: (attach photos) ☐ Roads ☐ Rope swings ☐ Foot paths/prints ☐ Dock/platform ☐ Livestock Watering ☐ RV / ATV Tracks ☐ Camping Sites ☐ Fire pit/ring Other: ☐ NPDES Discharge ☐ Fishing Tackle Comments: Page 23

70 Channel Feature \* Page Two - Data Sheet B for WBID # Dut: Site 3 Stream Morphology: Upstream View's Physical Dimensions: Is there any water present at this view? □ No If so, is there an obvious current? Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (m) RIFFI.E RUN 0-5 12 100 0.1 POOL Downstream View's Physical Dimensions: Is there any water present at this view? Tyes If so, is there an obvious current? □ No Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Max. Depth (m) Median Depth (m) RIFFLE 20 0.3 O.5 RUN POOL Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt / Oo % Mud/Clay % Bedrock Aquatic Vegetation\*: (Note amount of vegetation or algal growth at the assessment site) Water Characteristics\*: (Mark all that apply.) Odor: ☐ Sewage None ☐ Musky ☐ Chemical ☐ Other: Green Color: ☐ Clear ☐ Gray ☐ Milky ☐ Other: **Bottom Deposit:** ☐ Sludge ☐ Fine sediments None ☐ Solids ☐ Other: Surface Deposit: □ Oil None ☐ Scum ☐ Foam ☐ Other: Comments: Please attach any additional comments () to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. Please verify that you have completed all sections, checked all applicable boxes and that everything is complete. \_\_\_Date of Survey: May 22, 20
Position: Env. Enar Organization:

February 5, 2007

	WBID #		Sik#_		<u> </u>
	Stream edge	Depth	Rank	Assigned Rank	Sorted depth
sect A	welfed width				_
2	7.0 m	0.6	<del>-   </del>	1 Channel Fea	ture:
2	)		<del></del>	- RUN	
4		0-7		3	
				4 Dissolved O	Xuaen
5		0.7			
7	apart	0.6		6 8-34 7 97-5	non
Ó		0.6		7 97.5	ppa
8	<del> </del>	0.5		8 22-8	00
!0			<del></del>	9	
		O-3		10	
a B 1	walledwalk	0 1	<del></del>	11	
9 0 1	wetted width	0, 4		12 Channel	Capric:
3		0-8		13 RUN	
4		0.8	<del></del>	14	
Ś	O.6 m	<u> 0.7</u> 0.7		15 Dissolved	Dxygen:
	ajart	0.8	<del>-  </del>	16	K
67	- STIGHT	60	<del></del>	17 8.27	ppm
9	<u> </u>	0.B	<del></del>	18 96.0	ppm
9			<del>-  </del>	19 22-8	00
10		0.7	<del></del> -		
		- U, Y		21	
d(1	Wetted width	0.2	<del></del>	22	
~ <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	wetted width	0.5	<del>-  </del>	23 Channel F. 24 RUN	eatire:
3		0.5			<u> </u>
3 4	measurements	0.5		25 26 Deschied	<del> </del>
5	] O•d =	0.4	<del></del>	26 Dissolved	Oxygen
6789	apart	0.3			
7		0.3 0.3 0.3 0.3 0.1	<del></del>	8-35	Pola
8		0-3			
9		0.3	<del>                                     </del>	n 22.8	°C
10		D.I	<del></del>	<del></del>	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: Mullo. M. Tahell	Date: Way 22, 2007	
Organization: EAE, Inc.	Position: Gew. Euras	
February 5, 2007		 Page 25

		1264	Sik #_	3
	Distance from	Depth	Rank	
10	Stream edge		T. COLLEGE	Assigned Rank Sorted depth
ransect D	Wethed width	0.2		1 Channelteature:
2	8.0 m			2 RUM
3 4		0.6		7
	measurements			4 Dissolved Oxygen 5
5	0.8 n	0.6		5
7	apart	0.6		6 8.28 non
Q		0.4		7 96.1 7c
8		0.3	<del></del>	18 22-8 °C
lo		70.1		9
,				10
nsed E 1	wetted width	0.2		12 Channel Februs
2	wethed width	0.3		
3		0.5		13 RUN
$\mathcal{A}$	measurements	0.5		
5	0.6 m	0.6		16 PILAL K
67	- apart	0.6		16 RUN D
9		0.7		18 96.6
9		0.7	<del>-   </del>	19 22.8 00
10		0-3		
•-		U ? I	<del>-  </del>	21
inved F1	wetted width	. 0.3		22
2	wetted width	0.6		23 Channel Feature:
3		0.5		24 RUN 25
9	measurements	0.7		26 Deschard Descar
5	0.6 m	0.7		. Proporta progress
67	apart	0.7		. 8.36 am
<b>7</b> ♥		0.7		. 96-8
7		0.6		n 22-8 °C
10	·	(O · 3		
-		D/ e /		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Page 25

Signed: Alex W. Mtall	Date: 1/2 22,2007
Organization: EME, Inc.	Position: Env. Enga
February 5, 2007	- Contract

	istance from	Depth	Sife #_ Rank		<u> </u>	T
St	ream edge			Assigne	d Rank	Sorted depth
nsect G 1 w	ethed width	0.2		1 6	/	<del></del>
2	1.0 m	0.5		2 811	nelfea	rure:
3		0.7		3 -1 (0)		
	measurements	0.8		4 /2:55	lved O	21
5	0.4 n	0-8		5	IVED O	xygen
6	apart	0.8		6	8.40	
/		0.8			27,7	ppn
8		007		8	22.8	0,0
10		0.5		9	<u> </u>	
20		0,3		10		
14 1	10/1-1.111			11	·	
ed H 1 u	ethed width	<u> </u>		12 Che	nnel	Cature:
3		0.2	<del></del>	13	RUN	The state of the s
4	measurements		<del> </del>	14		
5	n asurane	0.5	<del> </del>	15	issolved	Oxugen:
	ayart	0.5	<del></del>	16		Dxygen:
4		0.5		1 17	B-45	
9		0.3	<del></del>		7.4	ppm
9		0-3	<del> </del>	19	22-8	°C -
10		<0.1	<del></del>	20		
				22		 
ed II w	vetted width	011		<del>''</del>		
	0.0_m	0.5			RUH	rokre:
3		0.6		25	CUIT	
7 -4	De Contracts	0.6			Salved	Okygen
6	0.6 m	0.7	<u> </u>		ON COL	rigger.
7	apart	0.7		. 8	3-32	an
6 7 8 9		0.8	<u> </u>		6-7	167
9	<del></del>	0.7		n 2	2.8	00
10	<del></del>	0.2	<del></del>			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Alas M. M. Lelell	Date: Mou 22, 2007
Organization: FAE, /nc- February 5, 2007	Position: Ew- Engr

Page 25

	WBID#	264	Sik #_	3	
	Distance from	Depth	Rank	<del></del>	
t	Stream edge	•		Assigned Rank	Sorted depth
Transect 1	well-dwidth	0.5		1 Channelt	
2	600 m	Oc7		1 Channel Fea	7U/e:
4	)	0-8			
4	measurements			4 Dissolved O	2
.5	Orlon	0.8		5	xygen
6	Octo na	0.8		6 8-30	
7	1	0.8		6 8-30 7 96-5	ppn
9		0.7		8 22.9	00
		0.6		9 2207	<del>  C                                   </del>
lo		0.2		10	
				11	
Pansed K_1	wethed width	0,1			<del></del>
2	6:5 m	0.2		12 Channel	comic.
3		0,3		14	<del> </del>
4	me asurements			15 Deschie	ppm 2
5	0.6 m	0-3		16	Kygen:
67	apart	0-3		17 8.44	0.6240
G		0.3		18 97.3	Polic
9		0.2		19 22.9	9
7 10		0.1		20	<del></del>
10		<u> </u>		21	
trans / /	11/01/01/11/11			22	
ranied 1 2	wetted width	<del></del>		23 Channel F	eakre!
			<u>.                                 </u>	24	
3 4	Mag:		<del> </del>	25	
5	measurements		<del> </del>	26 Dissolved	Okyaen
Ĝ	22 4		<del> </del>		J
56 7	apart		<del> </del>		par
7				25 26 Dissolved	16%
9			<del> </del>	n	
10			<del> </del>		
	<u> </u>	<del></del>			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

Signed: About Milewell	Date: May 22, 2007
Organization: EABoluc.	Position: Guv-Eugy
February 5, 2007	Page 25

WBID#_	1264
Site#	4

## Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

D-4 0	. //				.0. 0001 3	110	- <u></u>	
Date & Time: May Up, 2007				Site Loca	ompleted for each site)  Site Location Description (e.g., road crossing):			
	Personnel (Data Collectors): AMD , JPS				bridge at	+ 27	78 Z	
Current Weather Conditions: Overcast				Facility 1	Facility Name: Hereikar WWTP			
Weather Condi	Weather Conditions for Past 10 days: Rate in Past UP							
1		rought 🗹 Phase I				<u> 2000</u>	<u> </u>	MADO 2 8070
re Locations	5.	•					wn 📙	
LOCATION COO	DOMANES OF	UVERSAL TRANSVE	SEMERATO					
Site GPS Coo	rdinates: U'	TM X: /)G(/ 9	8711 7/1	<b>E</b> /	V. 33	1.1.2		
HORIZONTAL C	OF FECTION N	ETHOD (Indicate the	method used to c	etermine the for	alional data to	4 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Global	Positioning System	(GPS)		Salar Sa	ATHK BATALIS	Interpolati	ANT WATER TO BE A CONTROLLED OF THE CONTROL OF THE
Static Mode	7				Topographic	Map or DF	:G	OH _
Dynamic Mode (K					Aerial Photog	raph or Di	OQQ	
Precise Positionin	ig Service				Satellite Imag			
Signal Averaging		·			Interpolation	<u> </u>		
Real Time Differen					ar Page			
131 BY 121 (1913)	AND TEST	MATERIAL SE						
• • • • • • • • • • • • • • • • • • • •		GPS Data Quality	<u></u>				Interpolation Dat	
FOM	±	Meters			· · · · · · · · · · · · · · · · · · ·			
EPE		Feet or ±_	Meter	'S	Source Map Scale: 1:24,000 1:100,000 Other			00 Other
PDOP						±	Feet or ±_	Meters
notos:			·					
J	Upstream Pho	otos		Downstream	wnstream Photos Other Photos			Other Photos
Photo ID#	Photo ID# Photo Purpose Ph		Photo ID#	Photo ID# Photo Purpos			DI ( 170 //	
/	up		2 C				Photo ID#	Photo Purpose
ses Observe		actually observ	ed at time (	of survey )				
☐ Swimming	es Observed*: (Uses actually observed at time of s				Т.	<del></del>		
		☐ SCUBA diving		3	☐ Tubing		☐ Water skiing	
	<del></del>				ľ			
☐ Wind surfing	g	☐ Kayaking		Boating		□ Wadi		☐ Rafting
☐ Wind surfing ☐ Hunting Describe: (Inclu	ıde number o	☐ Kayaking ☐ Trapping f individuals recre		Fishing				
☐ Wind surfing ☐ Hunting Describe: (Inclu	ıde number o	☐ Kayaking		Fishing				
☐ Wind surfing ☐ Hunting Describe: (Inclu Use Interview w	ide number o	☐ Kayaking ☐ Trapping of individuals recreating interviews.)	ating, photo-do	Fishing ocumentation o	of evidence of	None f recreati	of the above onal uses, etc. Us	Other: Se Data Sheet D- Recreations
☐ Wind surfing ☐ Hunting Describe: (Inclu Use Interview w	ude number of when conductions	☐ Kayaking ☐ Trapping f individuals recre	ating, photo-do	Fishing ocumentation o	of evidence of	None f recreati	of the above onal uses, etc. Us	Other: Se Data Sheet D- Recreations
☐ Wind surfing ☐ Hunting Describe: (Inclu Use Interview w	ide number of when conductions interest.)	☐ Kayaking ☐ Trapping of individuals recreating interviews.)	at promote o	Fishing ocumentation of or impede re	of evidence of	None f recreati uses. A	of the above onal uses, etc. Us	☐ Other: se Data Sheet D- Recreations of evidence or
☐ Wind surfing ☐ Hunting ☐ Describe: (Inclu Use Interview warrounding Cousual items of	ode number of when conduct conditional interest.)	☐ Kayaking ☐ Trapping findividuals recreating interviews.)  s*: (Mark all th	at promote o	Fishing ocumentation of impede reconservation land	of evidence of	None frecreation uses. A	of the above onal uses, etc. Use attach photos on areas	Other: Se Data Sheet D- Recreations of evidence or  Campgrounds
☐ Wind surfing ☐ Hunting ☐ Describe: (Inclu Use Interview w  Irrounding C usual items of ☐ City/county ☐ Boating acce	ode number of when conductions interest.)  parks esses	☐ Kayaking ☐ Trapping If individuals recreating interviews.)  S*: (Mark all the ☐ Playgrounds ☐ State parks	at promote of MDC c	Fishing ocumentation of impede reconservation land	of evidence of	None frecreation uses. A  Urba  Natur	of the above onal uses, etc. Use attach photos on areas	☐ Other: se Data Sheet D- Recreations of evidence or ☐ Campgrounds ☐ Stairs/walkway
☐ Wind surfing ☐ Hunting ☐ Describe: (Inche Use Interview was usual items of ☐ City/county	ode number of when conductions interest.)  parks esses	☐ Kayaking ☐ Trapping findividuals recreating interviews.)  s*: (Mark all th	at promote o	Fishing ocumentation of impede reconservation land	of evidence of	None frecreation uses. A  Urba  Natur	of the above onal uses, etc. Use attach photos on areas	Other: Se Data Sheet D- Recreations of evidence or  Campgrounds
☐ Wind surfing ☐ Hunting ☐ Describe: (Inche Use Interview was Interview	ode number of when conduct conditions interest.)  parks esses sign	☐ Kayaking ☐ Trapping of individuals recreating interviews.)  s*: (Mark ail th ☐ Playgrounds ☐ State parks ☐ Fence	at promote of MDC c	Fishing ocumentation of impede reconservation land	of evidence of	None frecreation uses. A  Urba  Natur	of the above onal uses, etc. Use attach photos on areas	☐ Other: se Data Sheet D- Recreations of evidence or ☐ Campgrounds ☐ Stairs/walkway
☐ Wind surfing ☐ Hunting ☐ Describe: (Inche Use Interview was Interview	ode number of when conduct conditions interest.)  parks esses sign	☐ Kayaking ☐ Trapping If individuals recreating interviews.)	at promote of MDC c	Fishing ocumentation of impede reconservation land	of evidence of	None frecreation uses. A  Urba  Natur	of the above onal uses, etc. Use attach photos on areas	☐ Other: se Data Sheet D- Recreations of evidence or ☐ Campgrounds ☐ Stairs/walkway
☐ Wind surfing ☐ Hunting ☐ Describe: (Inche Use Interview was Interview	ode number of when conduct conditions interest.)  parks esses sign	☐ Kayaking ☐ Trapping If individuals recreating interviews.)  s*: (Mark ail the ☐ Playgrounds ☐ State parks ☐ Fence  se*: (attach players)	at promote of MDC c	Fishing ocumentation of impede reconservation land all forests slopes	ecreational	None  f recreation  uses. A  Urban  Natur	of the above onal uses, etc. Use attach photos of areas e trails	☐ Other: See Data Sheet D- Recreations of evidence or ☐ Campgrounds ☐ Stairs/walkway ☐ Other:
☐ Wind surfing ☐ Hunting ☐ Describe: (Inche Use Interview was Interview	conditional interest.)  parks esses sign  Human U	☐ Kayaking ☐ Trapping ☐ Individuals recreating interviews.)  s*: (Mark all the ☐ Playgrounds ☐ State parks ☐ Fence  se*: (attach playgroungs)  Graphic Footonic Foot	at promote of MDC c Nation Steep s	Fishing ocumentation of impede reconservation land all forests slopes	ecreational ands	None  f recreation  uses. A  Urban  Natur  None	of the above onal uses, etc. Use attach photos on areas	☐ Other: se Data Sheet D- Recreations of evidence or ☐ Campgrounds ☐ Stairs/walkway

February 5, 2007

			0	O CHANNEL	FEATURES
Page Two – Data tream Morpholog	Sheet B for WBID #_ y:	1264:51		Run - 30 RIFFLE - 60 Pool - 10	
Upstream View's	Physical Dimensions: 1	s there any water	present at this view		
		If so, is there an o		□ Yes □ No	
Select one of the f	following channel featur	es:	or roug various.	□ 1,03 □ 140	
Channel Feature RIFFLE	Distance from access (m)	Width (m)	Length (m)	Median Depth (m)	Max. Depth (m)
RUN					
POOL	<u> </u>				- 44
FOOL					
	w's Physical Dimensions  following channel featur	If so, is there ar	ter present at this vi n obvious current?	iew? □ Yes □ N	
Channel Feature	Distance from access (m)	Width (m)	Length (m)	Median Depth (m)	Mars Dande ( )
RIFFLE	, , , , ,	(,	Deligit (III)	Median Deput (III)	Max. Depth (m)
RUN					
POOL					
ibstrate*: (These	values should add up to 100	0%.)		<u> </u>	
46 % Cobble	e /0 % Gravel	% Sand	% Silt	% Mud/Clay	% Bedroo
ater Characteris	stics*: (Mark all that apply	v.)			
Odor:	☐ Sewage ☐ Mus	ky 🗆 Chem	ical None	☐ Other:	
Color:	□ Clear □ Gree	n 🗆 Gray	Milky		
Bottom Deposit:	□ Sludge □ Soli			☐ Other:	
Surface Deposit:	□ Oil □ Scur	n Foam			·
om ments: Please	attach any additional c	comments () to th	is form		
This information is no omprehensive underst	of to be used solely for remo anding of water conditions. on use analysis but may po	val of a recreational	use designation but	. 71	
lease verify that yo	ou have completed all se	ctions, checked a	ll applicable boxes	and that everythin	ng is complete.
urveyor's Signature	: Am M Dear	<u> </u>	Date of Surve	y: 5/26/07	<u> </u>
rganization:	BMC		Date of Surve	W. SCZ	

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

nsect Fi wa	eam edge  ethod width  ble m  neakwerents  0.6 m  apart	0.100 0.100 0.200 0.200 0.200	Rank	Assigned Rank  1 Channel Fee 2 RIFFUT 3 4 Dissalved 0	?
3 4 5 6 7 8 9	requirements	0.1m 0.2m 0.2m 0.2m 0.2m		+ 2 KIPPUT	?
3 4 5 6 7 8 9	requirements	1. 1 (n) 0. 2 n 0. 2 n 0. 2 n		+ 2 KIPPUT	?
5. 6 7. 8. 9.	2.6 n	0.2m 0.2m 0.2m 0.2m		1 2	<del>'   </del>
5. 6 7. 8. 9.	2.6 n	0. Un 0. Dn 0. Dn		4 Dissolved O	xygen
6 7 8 9		0. 2m		5	xygen
7 8 9	apart	0. 2m			YU
		O. No.		6 6.8	
				7	pon
10		0. In		8	
[		<0.1R	<u> </u>	9	<del></del>
		0.00		10	
ed BI W	ethed width	-2 m		11	
2	10 m	12m		12 Channel	Capric:
3		.24		13 (11)	
4	neasurement	· 100		14	
5	1.0 m	1/2		15 Dissolved	Oxygen:
9	gjart			17 68	
9	<del></del>	_00/		18	ppm
9		<0.1n		19	-
10		<0.1a		20	
		<0.1n		21	
rd C 1 W	etted width	<0.1m		22	
2	telled width	0.71		23 Channel Fe	where:
3		0.31		24 Red /81	THE THE
9 <u>n</u>	asurements	D. lon		23	
<u> </u>	O.I.M.	0. Gr		26 Dissolved	Okygen
6	apart	0.3		1	
9		0.1m		6.7	por
9	·	O.IR		n	Z
10	<del></del>	0.1x		14	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of a datasheet is true and accurate.	ny knowledge, that all information reported on this UA
Signed: Am M 17 7	Posse of this OA

Signed: Am. M. Britain	_Date: 5/26/24
Organization: BWR	
February 5, 2007	Position: ZNV. SCI
	Dage 26

. 40	Distance from Stream edge	Depth	Sife #_	Assigned Rank	Sorted depth
ansect D	welled width	€ O.Im			
2	10 m	0.3m		1 Channelt	carrie:
5	ty	0. (A	+	- LE MATE	
4	measurements	0.1m		3	7
5	1.0 m	0.60		4 Dissolved	Oxusen
6	apart	0.10		5	7
7	7	0.70		6 6.9	ppa
8		0.2n	<del></del>	7	7
9		0.12	<del></del>	8	
10		CO.In		9	
ļ		0-11		10	
ved E /	wethed width	CO.11	<del></del>	11	
2	14	O.Im	<del>-  </del>	12 Channel	Kahue:
3		0.1m	<del> </del>	13 CIFF	
4	measurements	0.44		14	
হ	1.4 m	0.71	<del></del>	15 Dissolve	d Oxygen:
6	gjart	0.14	+	16	July 272.
7		0.12			ppm
9		<0.1m	<del> </del>	18	17
9		0.3/	<del> </del>	19	
10		0.12	<del> </del>	20	
				21	
red F1	welled width	0.1m		22	
2	90 m	50./m		23 Channel	Rahre:
<i>}</i>  -		0.10		124	ae e
9	measurements	0,2m	<del> </del>	25	
5	0×9 m	O. Um		26 Dissolved	Okyger.
6	apart	0. m		<del>-   -  </del>	Oxygen
<u>/</u>  -		0. In	ligi	. 6.8	an
9		0. In-	717F		17
· <u>L</u>		0. m		<u>n</u>	
10	Α	<0.1p	<del></del>		<b>4</b> :

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

	,		а оп:ги
Signed: Ams M. Dysalan		-1	\$
	Date:	5/28/07	
Organization: BNR	Position:	Earl Com	
February 5, 2007		ENV. SCI	
			Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from Stream edge	Depth	Sik #	Assigned Rank	
insect 61	wether width	c0.1m		resigned Kank	Sorted depth
Ż	00			1 Change IT	
5	- Room	0.In		1 Channelte	aure:
Ů	Meat	0.1m		2 101111	<del></del>
5	Meanitements	0. m		4 Dissalved	
6		COLIVE		5 DISSIVED	xygen.
7	apart	D.Cu		6 69	
8		0.3m		6 6.9	pea
9		0.31		8	7
10		D. Un		9	
20		0.1m		10	
ا جاري	11/2/1				
red H 1	wethed width	<0.1m		11	
2	1215 m	CO./m		12 Channel 13 CIFFA	Feature:
3		0.1n		13 RIFFI	4
7	measurements	0.1m		1.1 <del>4</del>	
5		CO. In		15 Dissolved	Oxygen:
5	ajart	<0.1m		16	J.
9		0.2n			ppm.
9		0. Zm		18	17
		D. 2m		19	
10		D.12		20	
السبب ، .				21	
ed I	Weffed width	0. /m		22	
	10.0 m	O.In		23 Channel F	chre:
3		0-1n		- LUI	
5	measurements	0. 2m		25	
	1.6 m	0. 2m		26 Dissolved	Okygen
7	apart	0.2n			J
<b>♦</b> ⊢		0.1R		6.7	an
679		0. 2m			15
10		0.2m		n	
"4_		1.2n			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth t

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

	v	f of this
Signed: Amy M. Realow	4	. / . /
Organization: But	Date:	5/26/07
February 5, 2007	Position:	- FAIL ST
3,5,200,		Page 25

,	Stream edge	Depth	Sik #_ Rank	Assigned Rank	C-+ 3.3
insect I	Weth I winth	5 /			Sorted depth
;	Wethed width			1 Changett	<del></del>
•	5 M	0.4m 0.4m 0.3m		1 Channelton	aure:
Ĺ		0.40		13	
9	meanirements	D.512		4 Dissalved C	<u></u>
·ĺ		0.50		5	Xygen.
-	apart	D. 2m			
,	/	0. Du			ppa
8		0.1n		7	7.
	/ <del> </del>	0.12		8	) .
14	P	COUR		9	
				10	
Kd K	wethed width	O, lin		11	
2	160	0.20 0.30 0.30		12 Channel	Koher !
3		0.20	<del></del>	13 1011	1
4		0.30		14	
5	1.2 m	0.32		15 Dissalved	Drugen
67	gjart	0.30	<del></del>	16	exygen:
		0.3n	<del></del>		ppm
9		0. In		18	17
9		0-11-	<del></del>	19	
10		SO. IN	<del></del>	20	†
		12.11.	<del></del>	21	
led 1	wetted width			22	
2				23 Channel F	cohre:
3			<del> </del>		
9	measurements		<del> </del>	25	
2			<del>-</del>	26 Dissolved	Okucen
6	apart		- <del></del>		J'ger
7			<del> </del>		an-
3			<del> </del>		167
9			<del> </del>	n	- (4
10			<del> </del>		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth 1

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA

1 00 00		•	
Signed: 1/1/ Signature			
	Date:	5/26/02	
Organization: BNR			1 minutes
February 5, 2007	Position:	EM. SCT	

WBID#_	1264
Site#	9

# Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

			(must b	e comb	leted for each	eita\		
Date & Time: May 2	76 205-	<del></del>					,, road crossing):	
	Personnel (Data Collectors): AM), TPS				Walked in	from	2524d	
Current Weather Condition	s: Ove	veast	<u>~</u>	Fa	cility Name:	Eculian	manite.	
Weather Conditions for Pa	Weather Conditions for Past 10 days: Pan in Past 18 km				rmit Number:	<u>- #1214</u> 1000 5	MISAULIE. MICKO KA	DUTP.
Drought Conditions?: No	lrought 🔀	Phase I	□: Phase II [	: Phase	III D. Phase IV	□• Unler	7995, <i>1</i> -0	00/ 6 80 70
OIC LOCALIONS.	•							
LOCATION COORDINATES II	MYEISM	TRANSVE	SE MERCATI	R PROJE	or item the the			
one or a coordinates: (	IM X:	1147	11 11	24.	v. 33	1	~ ~	
				determine	the locational data	(V) /	79	
Static Mode Globa	Positionin	g System (	(GPS)			95. S 1510. 9537.71	Interpolati	<u>andri Mirania (n. 19</u> 00). On
Dynamic Mode (Kinematic)					Topographi		₹G	
Precise Positioning Service					Aerial Phot		000	
Signal Averaging		<del></del>		<del></del> -	Satellite Im			
Real Time Differential Processi	<del></del>				Interpolatio	n Other		
HORIZONIAL AGE BRICKES						222.00		
		Meters	· ·	<del></del>		<u> </u>	Interpolation Data	a Quality
EDE					Soun	ce Map Sca	le: 1:24,000 1:100,0	00 Other
PDOP		et or ±_	Mete	ers			Feet or ±	
Photos:			<del></del> -					ivic(e) 5
	·				·			
Upstream Pl	iotos			Downs	tream Photos			Other Photos
Photo ID# Ph	oto Purpo:	to Purpose			Photo Purpose		Photo ID#	Photo Purpose
14 49			75		ds			
Uses Observed*: (Uses	actually	observe	ed at time	of surv	ev.)			
☐ Swimming		n diving	ļ	SCUBA		☐ Tubi	ng	☐ Water skiing
☐ Wind surfing	☐ Kay	aking		Boating		☐ Wad		☐ Rafting
☐ Hunting	☐ Tra	pping		Fishing		-		
Describe: (Include number	of individ	uals recrea	ting, photo-d	ocumenta	ation of evidence	of recreati	onal uses, etc. Us	Other:  te Data Sheet D- Recreational
Use Interview when conduc	ung inter	lews.)					,	- = ara once, D- Neel Eastonal
Surrounding Condition	*** (2.5	1 11 1	<u> </u>					
Surrounding Condition unusual items of interest.)	is": (IVIa	rk all tha	at promote	or impe	ede recreations	al uses. A	Attach photos c	of evidence or
☐ City/county parks	☐ Play	grounds	☐ MDC	conservat	tion lands	☐ Urba	n areas	☐ Campgrounds
☐ Boating accesses	☐ Stat	e parks	☐ Natio	nal forest	S	☐ Natu	e trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fen	ce	Steep	slopes		□ None	of the above	Other:
Comments:			,			-		
Indications of Human I	Jse*: (a	ttach ph	otos)			<del></del>	<del>-</del>	
⊠Roads □ Rope		į.	paths/prints		ock/platform	Пт	estock Watering	[] py//-mr
☐ Camping Sites		☐ Fire			PDES Discharge			□ RV / ATV Tracks
Comments: tracker	sant			1 44 14	a DES DISCHARGE	LJ Fis	shing Tackle	Other:

						O CHAN			ures
age Two – Data eam Morpholog	Sheet B for W	BID #	1264:51	τε # :	5	RUN - RIFFLE POOL	90% -5% -5%		
Upstream View's	Physical Dimen	sions: Is	s there any water	present at	this view?	Yes □	□ No		
			If so, is there an o			□ Yes	□ No		
Select one of the f	following channe	l featur	es:			□ 103	L 110		
Channel Feature RIFFLE	Distance from ac	cess (m)	Width (m)	Lengt	h (m)	Median De	pth (m)	Max.	Depth (m)
RUN									
POOL						··		<del> </del>	
Downstream View			If so, is there ar			ew? □ Ye			
Select one of the 1 Channel Feature	Distance from ac	cess (m)	es: Width (m)	Lengt	th (m)	Madian D		1 52	
RIFFLE		(111)	Widdr (III)	Lengi	<u>ui (iii)</u>	Median D	eptn (m)	Max.	Depth (m)
RUN				·· ·····			<del></del>		
POOL									
bstrate*: (These % Cobble	values should add	up to 100	%.)		<u> </u>		·	<del></del>	
Mausphyles	·				<del>-</del> "	<del> </del>			
ater Characteris	stics*: (Mark all t	hat apply	.)						
Odor:	☐ Sewage	☐ Musl	ky 🗆 Chem	ical	None		Other:		
Color:	☐ Clear	☐ Gree	n 🛘 Gray	•	☐ Milky	Z	Other:	Brain	
Bottom Deposit:	□ Sludge	☐ Solid	ls 🗆 Fine s	ediments	None		Other:		
Surface Deposit:	□ Oil	☐ Scun	n 🗆 Foam		None		Other:		
omments: Please his information is no apprehensive understa cision on the recreati	ot to be used solely anding of water co	for remo	val of a recreational	l use design information t need furth	on is not int her analysis	ended to dia or that effe		uence a r use.	
ease verify that you	ou have complete		ctions, checked a		e of Survey				aplete.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from		Sik# 5		
	104	<b></b>	Kank	Assigned Rank	Sorted depth
nsect ff	welfed width	O.Im		1 0/	_
2	5,5 m	030		1 Channel Fee	dure:
4		0.3m		1	
5	measurements 0.5 m	0. Ym		4 Dissolved O	2
5	apart	0.40		5	xygen
7	apart	0.3m		6 7.3	pan
8		0.5m 0.5m		7	pan
9		O. To		8	
10		0.m		9	
				10	
ea B1	wethed width	6 la		11	
2	50 m	0.ln 0.ln 0.3n		12 Channel	Capric:
3		0.31		13	
4	D.5 m	0.50		14 15 Deschie	
5		0.50		16 /1550/Ved	exygen:
9	ajart	0.51		17 7.5	
9		0.5A 0.5A 0.5A 0.5A		18	Promiser :
9		0.36		19	-
10		0.3n- 0.la		20	
		<u> </u>		21	
ed C.J.	Wetted width	0.14		22	
2	55 m	0.1m		23 Channel Fe	akre:
		0.50		24 Eur	
걺	measurements	0.6m		26 Dissolved	
6		0. Fm		- Dissolved	Kygen
6	apart	0.80		. 7.5	0 2
8		a. 7m		1.	par-
9		0.4m		П	
10		Co.In			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth 1 the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my datasheet is true and accurate.	y knowledge, that all information reported on this UA
Signed: M. M. Charles	Date: 5/7%/07
Organization: PWR	

February 5, 2007

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Fedure:
Western World   1 Channer   2	Feeture:
1	41 FOOL
	41 FOOL
	10
1	- Oxygen
9 0.10  0.10  0.10  10  0.10  11  12 Chann  13  14 measurement 0.20  15 Disso  16  17  18  19  10  11  11  12 Chann  11  12 Chann  13  14  15 Disso  16  17  18  19  10  0.10  18  19  0.10  0.10  0.10  0.10  19  0.10	
10   10   10   10   11   11   12   12	3 ppa
Welfed width   Co.   In   12 Channel   13   13   14   14   15   15   15   15   15   15	
9 measurement 0.2m 14 5 0.4 m 0.3m 15 Disso 6 apart 0.3m 17 7. 9 0.2m 18 9 0.2m 19 10 0.1m 20 10 0.1m 21 22 22 23 Chann	
9 measurement 0.2m 14 5 0.4 m 0.3m 15 Disso 6 apart 0.3m 17 7. 9 0.2m 18 9 0.2m 19 10 0.1m 20 10 0.1m 21 22 22 23 Chann	
9 measurement 0.2m 14 5 0.4 m 0.3m 15 Disso 6 apart 0.3m 17 7. 9 0.2m 18 9 0.2m 19 10 0.1m 20 10 0.1m 21 22 22 23 Chann	of Feature:
16 21 17 7.  9 0.2m 18  9 0.2m 19  10 0.1m 20  11 22  12 23 Chann	Punt
16 21 17 7.  9 0.2m 18  9 0.2m 19  10 0.1m 20  11 22  12 23 Chann	
9 0.2m 18 9 0.2m 19 10 0.1m 20 0.1m 21 22 22 23 Chann	lved Oxygen:
9 0.2m 18 9 0.2m 19 10 0.1m 20 0.1m 21 22 22 23 Chann	
10 0.2m 20 0.1m 21 22 22 23 Chann	+ ppm
10 0.6m 20  20  21  22  22  23 Chann  23 Chann	
red F1 wested width 0. Im  22  23 Chann	
7	eltertre:
0.12	TIE
9 measurements O.lin 25 5 0.28 m O.lin 26 Dissolv	
6 O.M. O.M. 20 DISSOLV	d Oxygen
	<i>VJ</i>
0.10	pm
0.10	
10 Co.lin	<del></del>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tw depth values surrounding the middle rank.

I, the undersigned, l datasheet is true and	hereby affirm to the best of m d accurate.	y knowledge, that all inform	ation reported on this III
	Moderal		P-102 OI this OA

Signed: M. Restout	Date: 5/27/x7
Organization: BWR	7 4/6/
February 5, 2007	Position: ZNV SCI

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	Depth			
10	~ .		Rank	Assigned Ran	k Sorted depth
inscat 61	Stream edge  Welfed width	<0.1m			
2	4.0 m	0.10		1 Channelt	edure:
		D.211			
4	Measurements	0.34		3	
5	n	0.300		4 Dissolved	Oxygen
9	apart	0.300			W.
8		0.200 50.100		6 7.4	pen
å		50.1m		8	- 7.
10		<0.10- <0.10-		9	
•		- O. IR		10	
eatt 1	wethed width	<0.100		11	
2	wethed width	2 (10		12 Channel	Tahue:
3		0.1m 0.2n	<del> </del>	13 Run	farte:
4	measurements	0.40	<del></del>		
51	0.5 m	1.50	<del> </del>	15 Dissolve	ed Dxygen:
4	gjart	0.50 ·		16	J. J. J.
9		0.30		17 7.3	ppm
9		0.1m		19	7
10				20	
		CO.10		21	
ed II	wetted width	<0./n		22	
2	5Am	Olm	<del> </del>	23 Channel	Featre:
		0-la		- LUA	/
5	0.5 m				
6		0.10		26 Dissolved	Oxygen
71	apart	0.30		7.2	00
9		0.900			Part
9		0.30		n	1/4
/d_		SD. 14			<del> </del>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth t

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA

Signed: Am M. Sheanaul	ported on thi
Organization: But	Date: 5/27/07
February 5, 2007	Position: FNV. SCT
	Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	Depth	Sik # 1		
on cont	Stream edge	•	Kalik	Assigned Rank	Sorted depth
ansect I	welf width	50.10m			1
2	4.5 m	1271	<del> </del>	1 Channeltee	kiro.
7	/	0.30	<del> </del>	+	
4	measurements	0.40	<del> </del>	3	
5	1 /1.4	0.30		4 Dissalved O	XUDEN
6	apart	0.300 0.2m		5	
7		asa		<del>                                      </del>	ppn
8		a.la		7	7.
		0.10		8	
lo		SOUR		10	
ا ما سود	wall to the			111	
rd K_1	Wethed width	<0.14.			
3		50.1g		12	Cature:
4		60.1m		13 PIFFLE	
5	Measurements 0.8 m	<0.10		15 Disselved	
6	quart	<0.10		16	Oxygen:
9		< D. 112-		17	
9		0.11	·	18	ppm
9		< o.ln		19	
10		COLA		20	
				21	
red 1	wetted width			22	
2	m			23 Channel Fe	akre:
3 4				44	
5	measurements			25 26 Decretor 6	
6	- M			26 Dissolved	Kygen.
九	apart				V.J
9				1.	par
9				n	1/4
10					

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth 1

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my datasheet is true and accurate.	knowledge, that all information reported on this IIA
Signed: M. M. M. M. Signed:	
Organization:	Date: 5/27/67

Position: Env. SCI

February 5, 2007

WBID#	1264
Site#	6

## Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

	<del></del>				(ITIUST DE	completed	tor each :	site)		
	Date & Time:	May	072007			Site Loc	ation Descri	ntion (c o	., road crossing):	
	Personnel (Data			77	X	- oti	of bridge at 2612 4.			
	Current Weather Conditions: Light Raw				Facility	Facility Name: Regular WINTE WITT				
	Weather Condit	ions for Pas			lan	Permit 1	Number: A	An Kal	MANUAL.	10028070
	Drought Conditi	ons?: No di	rought M: Phase			· Phase III	Dhan III	7	7475 1	10000000
S	··· Lucaliolis	١.	•							
	*LOCATION COOR	CHATES DE	INVERSAL TRANS	VERS	MERCATO	e PROJECTIO	CH METERS			
	Sife GES Cool	amates: U	IM X: //94	.52	フシン リレ		V. 38 /	701		
	HORIZONTAL CO	MIECTION N	ETHOO (Indicate t	re met	hod used to d	elemine the lo	cational data.)	21 kg ta-21	ン (注: た:・・・ と 機・行動)	
	Static Mode	Global	Positioning Syste	ιπι (GF	PS)			<u></u>	interpolat	ion
	Dynamic Mode (Ki					<del> </del>	Topographic Aerial Photo			
	Precise Positioning	Service				T	Satellite Ima		odd	
	Signal Averaging					<del>                                     </del>	Interpolation			
	Real Time Differen					<del>                                     </del>				
	HOMZONIALAG	SURMEYAESI	IMATE A COMPA							
			GPS Data Quality		<u> </u>				Interpolation Dat	a Quality
	FOM	±	Mete	rs			<del></del>	<del>-</del> ·		
	EPE	±	210 Feet or :	 	Meter		- Sourc	e Map Sca	le: 1:24,000 1:100,0	000 Other
	PDOP						1	±_	Feet or ±	Meters
Ph	otos:						<u> </u>			
	υ	pstream Pho	otos			Downstream	Photos			
	Photo ID#	Dh	ota D			30WABECENT				Other Photos
	Thoto ID#	FIRE	oto Purpose	P	hoto ID#	P	hoto Purpos	<del></del>	Photo ID#	Photo Purpose
		UP				day	r			
Us	es Observed	i*: (Úses :	actually obse	rved	at time o	of survey.)			L	
	☐ Swimming		☐ Skin diving			CUBA divin	BA diving		☐ Water skiing	
	☐ Wind surfing	<u> </u>	☐ Kayaking		D	Boating	☐ Wading			☐ Rafting
	☐ Hunting	-	☐ Trapping		□ F	Fishing				
	Use Interview w	de number o	of individuals rec	reatin	g, photo-do	cumentation	of evidence	of recreati	onal uses, etc. U	Se Data Sheet D- Recreational
			,							
Su	irrounding Countries of i	ondition	s*: (Mark all	that i	nromote o	r impede r		1		
ını	usual items of i	interest.)				or impede i	ecreationa	uses. A	Attach photos	of evidence or
	☐ City/county	parks	☐ Playground	is		onservation la	servation lands Urban areas		n areas	☐ Campgrounds
	☐ Boating acce	sses	☐ State parks		☐ Nation	al forests		☐ Natur	e trails	☐ Stairs/walkway
	☐ No trespass s	ign	☐ Fence		Steep s	lopes			of the above	Other:
	Comments:						· — · <u> </u>			Culer.
nç	lications of h	luman U	se*: (attach	phot	tos)				<del> </del>	
	☐ Roads	☐ Rope			ths/prints	□ Dock/r	olatform	Пт:-	estock Watering	
	☐ Camping Site	es		ire pit/	<del></del>	1	S Discharge			
	Comments:	one		Pin	11116	L INPUE	o Discharge	_ LJ Fi:	shing Tackle	Other:
- 1	<i>**</i>	v1 w -								

					•	O CHANNEL	
Page Two – Data : ream Morpholog	Sheet B for WI y:	BID#_	1264:51	TE # 6	6	Run-90% RIFFLE - 5% Pool - 5%	
Upstream View's	Physical Dimens	s <b>ions:</b> Is	there any water	present at	this view	? □ Yes □ No	•
			f so, is there an o			☐ Yes ☐ No	
Select one of the fo	ollowing channe	l feature	s:			LICS LINO	
Channel Feature RIFFLE	Distance from acc	ess (m)	Width (m)	Lengt	h (m)	Median Depth (m)	Max. Depth (m)
RUN	<u> </u>				<u> </u>	·	
POOL				<del></del>			
Downstream View			If so, is there ar			ew? 🗆 Yes 🗆 N	
Select one of the for Channel Feature	Ollowing channe Distance from acc	l feature		<del>-</del>	<u> </u>		
RIFFLE	Distance if the rec	C55 (III)	Width (m)	Lengi	th (m)	Median Depth (m)	Max. Depth (m)
RUN							
POOL		· <u>-</u>		<u> </u>		<u> </u>	
bstrate*: (These	values should add u	ıp to 1009	%.)		·		
5 % Cobble	% Gra		5 % Sand	<u> </u>	% Silt	% Mud/Clay	% Bedroc
ater Characteris	tios*• /h/a-l11 d						
Odor:	☐ Sewage	nat appıy. □ Musk		ioni	None	П ол	
Color:	□ Clear			icai .	☐ Milky	☐ Other:	4
Bottom Deposit:	☐ Sludge		<del></del>	ediments	✓ None	☐ Other:	rall-
Surface Deposit:	□ Oil	☐ Scum	· ·	<del></del>	□ None	☐ Other:	
omments: Please This information is not imprehensive understacision on the recreation ease verify that your veyor's Signature:	t to be used solely anding of water compon use analysis but u have complete	for remov nditions. ( may poin d all sec	al of a recreational Consequently, this to conditions that tions, checked a	l use design information t need furth	on is not int her analysis able boxes	ended to directly influence or that effect another	uence a r use.
	19 /1	5'4				·	

	Distance from	Depth	Sike#		<u> </u>
me/ /-	Stream edge	· ·		Assigned Rank	Sorted depth
nsect A	weted width	0.1m 0.5m		1 0/	
. 2		0.5m		1 Channelfor	dure:
Ú				2 Run	
, 5	Meantements	0.50		4 Dissolved	
56	7.7	0.50		5	xygen
7	apart	0.4a 0.3a 0.5a		6 10.9	<del></del>
8		0. 7/h		7	ppa
9		<u> </u>		8	
10		0.400		9	
	·	65/1-		10	
ea B1	wethed width	A la	<del></del>	11	
2	Welfed width	0. ln.	<del></del> -	12 Channel	Kapire:
3		0.7			1
4	me asurement	0.60		14	
5		1.58		15 Dissolved	Oxygen:
9	- apart	0.50		17 69	Oxygen:
9		0.60		18	ppm
9		6.60		19	<del>  /</del>
10		0.10		20	
		0.10	<del> </del>	21	
ed CI	Wetted width	0.11		22	
-2	10.5 m	0.6m	<del>                                     </del>	23 Channel F	eatire:
3		0.6n			
7	Medsurements	0. to		25 Deschart	
5				26 Dissolved	Oxyger
6	apart	D. Mr		. 68	00
ý		0.7m		6.8	Par
9		0.70		n	
10		0.50			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, herel datasheet is true and acc	by affirm to the best of my curate.	knowledge, that all i	nformatio	reported on this UA
Signed: Alexa III	Bulant	. /	/	

Signed: Mrg M. Chalaux	
Organization: BWR	
February 5, 2007	Position: TW SCT.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	Depth	Sik # 1		
10	Stream edge	Jopan	Rank	Assigned Rank	Sorted depth
insect D	wether width	030	<del></del>		
2	10.0 m	0.3m		1 Channelte	dure:
7		0.81		- Land	
٦	Meanirements	0.81 0.91 0.91		3	,
56	1.0 n	8.9m		4 Dissalved C	xygen.
7	apart	0.90		6 62	
8		0.9m		6 6.8	ppa
9		0.9m		8	7
10		0.3n		9	<del></del>
-		<u> </u>		10	<del></del>
KO E	wetted width	<i>(</i> >		11	<del></del>
2[	10.0	0.90		12 Channel	A-1.
3[		0. tm		13 Run	X rue:
4	measurements	1.0m		1 <del>4</del>	
হ	1.6 m	1.000		15 Dissalved	Oxygen:
4	giart	1.0m		16	J. J.
9		1.0m	<del> </del>		ppm
· •		O.9a		18	17.
9		0.9~		19	
		1.30		21	<del> </del>
red F1	10/01/01/11/			22	<del> </del>
2	Wetted width	0.50		23 Channel F	1.2
3[		0.9 1		24 Kun	anre:
4	measurements	1.90		25	<del>1</del>
5	0.8	0.90	<u> </u>	26 Dissolved	OKLOGO
6	avart	0.90			Jyer
7		0.80		6.7	an
3		0.50			167
		0.30~	+	n	
/d_		ain	<del> </del>		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA datasheet is true and accurate.

Signed: Am M. hanlauk	
Organization: FMN	Date:5/27/67-
February 5, 2007	Position: EM. SCT.
5,2007	_

Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	1264   Depth	- U/AC +-	<u> </u>	
ansect 61	Stream edge	Берш	Rank	Assigned Rani	Sorted depth
unsect O		0.2m	<del></del>		- Jopan
	9.0 m	0.2n		Channelf	edure:
Ý		0.50		1	RIII I
5	Meanirements	0.91-		4 Dissolved	
6				5 Vissolved	Oxygen
7	apart	0.90		6 7	
8		0.8m		7 7.0	ppa
9		0.91		8	- /-
10		0.9m	-	9	
1		11. 2/6-	<b></b>	10	
vea H 1	wethed width	0.24	<del> </del>	11	
2	9.5 m	0.2m 0.3m 0.4m		12 Channel	Feduce:
3		0.400	<del> </del>	13 Et	11
4 5	Measurements	0.9m	<del> </del>	_     1 1 1 1 1 1 1	
	0.9 m			15 Dissolve	d Dxygen:
9	guart	0.90		17	No.
9		0.84		18	ppm
9		0.90		19	- 7
10		0. In		20	
-				21	
red I 1	wetted width	0./m		22	
3	1100 m	0.3m		23 Channel	Carre:
4	And I I	0.80		24 <i>Ees</i>	11/
5	measurements	0.9m			
6	apart	0.70		26 Dissalved	Oxygen
7	The state of the s	0.9n		. 7.0	
9		0.70		1.0	Par
9		0. Un		n	1
10_		0.20	· · · · · · · · · · · · · · · · · · ·		-

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth t

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my k datasheet is true and accurate.	knowledge, that all information reported on this via
Signed: Am, M. M. Malsura	- Charles UA

Organization: Position: ENV. JCT. February 5, 2007

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	Depth	Sike #_		
insect I	Stream edge	· · · · · · · · · · · · · · · · · · ·		Assigned Rank	Sorted depth
	wether width	0.3m			1
2	3.0 m	0.51		Channelt	educe:
Ź	<u></u>	0.50			$\nu$
6	measurements	O.Kor	<del></del>	3	
. <b>5</b>		0.80 0.90 0.90		4 Dissalved	Oxygen
7	apart	0.9a			
8		0.9n		6 69	ppa
å		0.9m		8	- 7.
lo		0.60		9	
		0.300		10	
ed K	wetted width	25		11	
2	10.0 m	0.51			<del></del>
3		0.9 a. 0.9 a. 0.9 a.		13 Fun	Kature:
4	measurements	10		14	
5	1.0 m	280		15 Dissolve	12
67	quart	5. 8m		16	Jugen:
		0.10		17 7./	nnm
9		8.7m		18	e exygen:
9		0.7m 0.3m		<del></del>	
70		0.30		20 21	
led 1	10/01/01 1/1			22	
2	wetted width				
3				23 Channel	cause:
Ý	measurements			25	
5				26 Dissolved	Occasion
6	apart				ryger
7					an
3				· ·	167
9				n	
1 <u>a</u>					

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth 1

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA

1	er ou tul
Signed: M. M. Malous Date: 5/27/2	
00	
Organization: BWK	
February 5, 2007 Position: EAN. S.J.	
	Page 25

WBID#	1264
Site#	7

# Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

					(must b	e complete	d for each	site)		
	Date & Time:	05-3	30-07	11	45			<del></del>	, road crossing):	
	Personnel (Data	a Collector:	s): Lu	۱۲ ع د	30,7+1EH	+ 1105	TREAM	n Fro	M HWY 2	2 bringe
	Current Weathe	Condition	ns: OVE	Cast	70-750	Facility	Name: R	ceellar	Wolf The	burismillo wurte
	Weather Condi	tions for Pa	st 10 days	SUNDE	1/ Rain	Permit	Number: 🔼	16008	90143	MOOO 28070
	Drought Condit						]. Ph		77.7	1100028010
Si	ic Localions	5 .								
	LOCATION COS	MONATES P	JAINE PS A	TRANSVE	ESE MERCATI	A PROJECTIO	N.IN METER	Laber (Table		
	311C G1 3 C00	romates: (	JIM X:	$\times$ $\times$ $/$	4 6 14 6	1	V. P. D.	11 11 -	1	
		Globa	i Positionii	ng System (		determine the lo	cational data:)	医视解结子丛	·····································	
	Static Mode			3 - 7 - 1 - 1	<u> </u>	- T		c Map or Di	Interpolat	tion
	Dynamic Mode (K						Aerial Phot	ograph or D	000	
- }	Precise Positionin	g Service					Satellite Im			
	Signal Averaging						Interpolatio			
-	Real Time Differen					:	: .*			<u> </u>
ŀ	HORIZONTAL MO	CARACYES	TRACTE							
ŀ			GPS Dat	a Quality		<u> </u>			Interpolation Dat	ta Quality
ļ	FOM			Meters			Sour	na Man Snal	le: 1:24,000 1:100,0	
}	EPE	<u></u> ±_	F	eet or ±_	Mete	rs				
[	PDOP						1	±_	Feet or ±	Meters
۲n	otos:								<u>.</u>	
-	Upstream Photos			Downstream Photos		Photos			Other Photos	
-	Photo ID# Photo Purpos			Photo ID# Photo Purpos		hoto Purpos	e	Photo ID#	Photo Purpose	
	1264-3,4	TRAN	1. J-	K	12.64-1.	2 TRAN	.B-A			
Us	es Observed	i*: (Uses	actually	observe	d at time	of survey.)				
	☐ Swimming		!	n diving		SCUBA divin	g	☐ Tubir	<u> </u>	□ Water till
	☐ Wind surfing	5	☐ Kay	aking		Boating	<u> </u>	☐ Wading		☐ Water skiing
-	☐ Hunting		☐ Tra	pping		Fishing		-		☐ Rafting ☐ Other:
	Describe: (Inclu	de number	of individ	uals recreat	ing, photo-do	ocumentation	of evidence	of recreation	onal uses etc. Us	☐ Other: se Data Sheet D- Recreational
				•						
Sui	rounding C sual items of i	ondition	1 <b>5*:</b> (Ma	rk all tha	t promote	or impede r	ecreationa	uses A	ttach photos o	of evidence on
ınu. T	sual items of i	nterest.)	<del></del>		T				rudii photos (	or cardence of
-	☐ City/county		☐ Play	grounds	☐ MDC o	conservation la	ands	☐ Urbai	n areas	☐ Campgrounds
	☐ Boating acce		☐ Stat	e parks	☐ Nation	al forests		□ Natur	e trails	☐ Stairs/walkway
	No trespass s	ign	☐ Fen	ce	☐ Steep s	slopes		□None	of the above	☐ Other:
	Comments:								· · · · · · · · · · · · · · · · · · ·	
L ndi	cations of H	luman l	leo*: (a	ttach -h	-4X		<del></del>	, Y	<b>.</b> _	
		1				<del>,</del> – – –		<u>.                                 </u>		
7	Roads	☐ Rope	swings	☐ Foot	paths/prints	☐ Dock/p	latform	Live	estock Watering	☐ RV / ATV Tracks
	☐ Camping Site Comments:	s / , , , , , ,	1 177	☐ Fire p	it/ring	☐ NPDE	S Discharge	☐ Fisi	hing Tackle	☐ Other:
		4 M /	4-			<del></del>	<del></del>			

			θ	10 CHANNEL	FEATURES
Page Two – Data ream Morpholog	Sheet B for WBID #_ gy:	1264: SI	TE # 7	Run - 70 RIFFLE - 30 Pool -	
Upstream View's	Physical Dimensions: I	s there any water	present at this view	/? □ Yes □ No	
		If so, is there an o		☐ Yes ☐ No	
Channel Feature RIFFLE	Distance from access (m)	Width (m)	Length (m)	Median Depth (m)	Max. Depth (m)
RUN					
POOL					
	w's Physical Dimensions	If so, is there ar	er present at this v	iew? □ Yes □ N	
Select one of the the Channel Feature	following channel featur				,
RIFFLE	Distance from access (m)	Width (m)	Length (m)	Median Depth (m)	Max. Depth (m)
RUN					
POOL					
ostrate*: (These	values should add up to 100	%.)			
60 % Cobble	e % Gravel	70 % Sand	Zs % Silt	% Mud/Clay	% Bedr
	TON ON COBS		TRATE		
Odor:	☐ Sewage ☐ Musk		cal None	☐ Other:	
Color:	☑ Clear ☐ Green	n 🗆 Gray	☐ Milky		
Bottom Deposit:	☐ Sludge ☐ Solid				
Surface Deposit:	□ Oil □ Scum	·	□ None		
mments: Please	attach any additional co	<del></del>		Li Ouiei.	
ision on the recreation	t to be used solely for removanding of water conditions. on use analysis but may poin	Consequently, this interest to conditions that	nformation is not in need further analysis	tended to directly influ s or that effect another	ence a use.
	ou have completed all sec				
ganization: S	Eagell Environm Technologie.	utid	Position: <b>EN</b>	vivormental	/
	Technologie.	Irc.	5	ciential	

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from	Depth	- Site #Rank		
mr / A	Stream edge		Kan	Assigned Rank	Sorted depth
nsect A	welfed width	0.1			İ
· · · 2	8.0 m	0.2		1 Channelt	cature:
7	,	0.2		- 1-12 KUN LE	0%
4	- Meakyerrents	0.2	1	3	
5	0.8 n	0.3		4 Disselved	Oxygen
0	apart	0.3		6 9.61	00
8		0,3		6 8.61	- ppa
ĝ		0.3		8	- 7
lo		0.2		9	•
,		Ð.\		10	
ed B1	wethedrick	0.1		11	
2	Weffed width	0.1		12 Channel	Feature:
3		0.3			100%
4	measurement	0.3		14	,
5	0.82 m	0.3	<del></del>	15 Dissalve	d Oxygen:
67	giart	0,4		16	J
9		0.3		17 8.43	ppm
9		0.4		18 95.6	7.
10		0,3		20	
•		0.3		21	
ed []	Wetted with	0.1		22	+
2	Wetted width	0.3		23 Channel	Pentre:
3		0.3		24 RUN	100%
9	measurements	0.2			
2	0.45 m			26 Dissolved	Okygen
6	apart	0.7		CAU	00
9		0.2	·	90,3	pm
9		8.7		n 10,5	- 4
10		0.1		T	<del> </del>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tweedepth values surrounding the middle rank.

1, the undersignates datasheet is to	gned, hereby affi rue and accurate	rm to the best of my	knowledge, tha	t all information reported on thi	is UA
Signed:	Alyan M	<i>,</i> ,		5-30-07	
Organization:	98TJ	Gr Comment	Date:_//	7-70-0-7	•

February 5, 2007

Page 25

Position: Englowments Se

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from Stream edge	Depth	Sife #	Assigned Rank	
nsect D <sub>1</sub>	welfed width			Tablighed Kalik	Sorted depth
2	9.0 m	0.1		1 Channel To	-6.5-
5		0.1		2 RIFFLE	7001
4	meakirements			3 RUN	30% 70%
5	0.80 B	0.1			2440
6		0,1		4 Dissolved	Age R
7		0.1		6 8.18	ppa
8		0,1		7 91.2	7
9		0.1		8	
lo		0.1		9	
			<del></del>	10	
ed E 1	wetled width	0.1		11	
2	9.5	0.3		12 Channel	Feature: 15%
3		0.3		13 RIFFLE	15%
4	measurement	0.2		11:500	82%
5	0.95 m	0,3		15 Dissolved	Dxygen:
9	ajiant	0.4			Jo
9		0.4		17 7. 48	ppm
9		0,3		19	7-
10		0.3		20	<del></del>
Ţ		0.2		21	
ed F1	Wetted undell	0.7		22	<del></del>
2	Wetted width	0.1		23 Channel	cohre:
3		0.7	<del></del>	1 24 KUN	100%
9	measurements	0.1	<del></del>	25	
5	10 m	0.7		26 Dissolved	Oxygen
6	apart	0.2			J
7		0.7		7.73	pm
9		0.1		. 26.8	12
10		0.1		<u>n</u>	
"4_		1.0		<del></del>	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value deptl

If there is an even number of entries, the median depth corresponds to the arithmetic average of the t

I, the undersigned, hereby affirm to the best of m datasheet is true and accurate.	y knowledge, that all information reported on this U
Signed: Rivan M. Livest	Date:

Organization February 5, 2007

Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

Distan	W81D # 1264 ce from Depth	Rank		
nsect 61 Worth	1 edge	Nauk	Assigned Rank	Sorted depth
,	width 0.2			ļ
5	.0 m 0.5		1 Channel Fe	dure:
4	୭.5		- KUN	60%
5 Mean	recented by 4		3 RIFFIE	1 k
<i>7</i> 1			4 Dissolved	xygen
7	cent 0.3		6 7.40	
8	0.3		7 82.9	ppa
9	0.7		8	
10	0.1		9	
			10	<del></del>
ed H 1 wetter	dwidth oil		11	
2 10	3n 0,2	<del></del>	12 Channel	Fraker !
3	<0.1		13 RIFFLE	Fature:
Y Mea	surement LA		14 RUN	56
5 1.0	0.1		15 Dissolved	Dxygen:
9 9	eart 60.1		16	J
9	0.1		18 27.0	ppm
9	0.1		19 82.0	12
10	0.1		20	<del> </del>
			21	<del></del>
dII wetter	dwidth 0.3		22	
	0 m 0.4		23 Channel F	Rokere:
3	0,4			100%
7 <u>mediu</u>	kenents 0.3			
	n 0.3		26 Dissalved	Oxygen
6 a <sub>1</sub>	ract 0.7		<del></del>	J
9	0.2		7.24	par-
9	0.1		n	7
10	<0.		T     T	<del> </del>

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tw

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA

A recarate.	o, and an intermation reported on this
Signed: Ryan M. June	
Organization: SETI	Date:
February 5, 2007	Position: Environmental
	Screntist Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from Stream edge	Depth	Sike #	Assigned Rank	
insect I	welfed width			Assigned Rank	Sorted depth
	11.0 m	20.1		1 Channel Fee	
-	5	0.1		2 RIFFLE	
4	measurements			3	100%
4	ORDA	20.1	<del> </del>	4 Dissolved C	Sugar
٠ (	apart	0		3	33
-	/	0,1	<del></del>	6 7.32	non
Ş		0.2		8 81.7	7.
	<del></del>	0.3		9	
:*'		0.3		10	<u> </u>
Kd K	wethed width	20,1		11	+
2	60 n	~ O. 1		12 Channel	Kahne:
3		0,1	8	+ 13 KIFUE	50/0
9	measurements		C	14 RUN	95%
5	7.37/2 7	5.7		15 Dissolved	
5	ajant	0.2		16	Je ,
9		0.2		17 7,12	ppm
9		0.2		19	-
10		Z0.	<u> </u>	20	
				21	
red 1	Wetted width	v.		22	
3	- M	<u> </u>		23 Channel F	catre:
4	mediaceis la		•	25	
5	measurements			26 Dissolved	
6	apart				Nyger
7					an-
9					15
10	8.	,		· n	
10			<del></del>		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value deptl

the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tr

I, the undersig	med, hereby	iffirm to	the besi	t of my	knowledge, tha	4 - 11 -		
Signed:	ue and accur:	ite: M			· · · · · · · · · · · · · · · · · · ·	r sm miolm	ation report	ed on this U.

Signed: Ryan M	Lunt	Date:05~30_	
Organization: 5ETT			
February 5, 2007		Position:Position:	virten a
	v	24181	Hist Page 25



Downstream (Site #1) of East Branch.



Upstream (Site #1) of East Branch.



Downstream (Site #1) of East Branch.



Upstream (Site #1) of East Branch.



Upstream (Site #2) of East Branch.



Downstream (Site #2) of East Branch.



Upstream (Site #2) of East Branch.



Downstream (Site #2) of East Branch.



Downstream (Site #3) of East Branch.



Upstream (Site #3) of East Branch.



Downstream (Site #3) of East Branch.



Upstream (Site #3) of East Branch.



Upstream (Site 4) of East Branch



Downstream (Site 4) of East Branch



Upstream (Site 5 – mislabled white board) of East Branch



Downstream (Site 5 – mislabled white board) of East Branch



Upstream (Site 6) of East Branch



Downstream (Site 6) of East Branch



Upstream (Site 7) of East Branch



Downstream (Site 7) of East Branch

Stream Name EAST BRANCH (WBID# /244)
1. Introduction
Date & Time (include AM or PM):
Interviewed: In person By phone By mail (NOTE: If you are an Interviewee filling out this form to mail back to DNR, proceed to Question #1.)
Interviewee selected because (e.g., house next to stream; standing by stream, etc.)
Interviewer introduction to Interviewee: "My name is, I work for(name of your employer), and I am collecting information on how people use(name of the stream)"  ASK:  1.) Are you willing to respond to a survey about this stream? (It will just take a few minutes.)
Yes No If yes, list contact information for the interviewee below:  Legal name: I AMES FAMULINER  Current mailing address: 28013 3. Buford Ro Januarisonville, Mo  Daytime phone number: (816) 380-3449  E-mail address (optional):
2.a.) Do you live in this area? Yes \[ \int \text{No & Go years!} \]  If yes, how many years? Family Farm for (05 years.)  2.b.) If you don't live peoply, are you still familiar with this trans 2. \[ \int \text{V} \]
2.b.) If you don't live nearby, are you still familiar with this stream? Yes No If yes, how many years?  If no, thank the individual for taking the time to talk to you and conclude the interview.
3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines) Yes No  If yes, proceed to "II. Personal Use?".  If no, proceed to Section V.
<ul> <li>II. Personal Use?</li> <li>1.) Have you or your family personally used the stream for recreation since November 28, 1975?</li> <li>Yes No</li> <li>If yes, proceed to #3.</li> <li>If no, proceed to #2.</li> </ul>
2.a.) List reasons stream not used.  The "Kids", who are now in their sixties, used to sum in the creek, although nowadays  "you wouldn't want to stick your bigst toe in."  2.b.) Proceed to "III. Witnessed Use?".
3.) How do you use the stream?

	Whole Body Contact Recreation	
	ng Snorkeling/Skin Diving Water Skiing	
If Interviewee (or family) u	sed the stream for WBCR since Nov. 28, 1975, ask:	
4.a.) When (e.g., year(s)?; season?; or	nly after a rain?) and how often (times/year)?	······································
4.b.) Where, exactly? Descr	ibe specific location and mark on the map (See map requirem	
	Secondary Contact Recreation	
Fishing Wading B	oating Trapping Other: List:	<del></del>
	sed the stream for SCR since Nov. 28, 1975, ask:	
4.C.) When (e.g., year(s)?; season?; onl	y after a rain?) and how often (times/year)?	
4.d.) Where, exactly? Descrithe protocol)	ibe specific location and mark on the map (See map requirem	ents in
III. Witnessed Use?		
1.) Have you observed other No  If yes, proceed to #2.  If no, proceed to, "IV		es 🗌
2.) What kinds of uses have	you witnessed?	
	Whole Body Contact Recreation	
Swimming Tubi	ing Snorkeling/Skin Diving Water Skiing	
2.a.) When (e.g., year(s)?; seas	BCR use since Nov. 28, 1975, ask the following questions: on?; only after a rain?) and how often	

February 5, 2007

2.b.) Where the protoco	e, exactly? d)	Des	cribe specific	c location and	l mark on t	he map (S	Seemap requirer	nents in
				<u> </u>				
					,			
			Secon	dary Contaci	Recreation	n		
Fishing	Wading		Boating	Trapping [	Other:	List:		···
If Interviewe	e witnessed S	CR u	se since Nov. 2	8, 1975, ask the	following qu	estions:		
2.c.) When	(e.g., year(s)?; se	ason?	; only after a rain?)	and how ofter	t (times/year)?			
<del>_</del> ·			·					
		-	·		<del>-</del>			<del></del> :
2.d.) When	re, exactly?	De	scribe specifi	ic location an	d mark on	the map (	Seemap require	ments in
<u> </u>								
N/ A===							<u> </u>	
IV. Anec	dotal Use	<u> </u>						
or done yo If y If n	es, proceed o, thank the	ust I to #	neard about it 2.	t? Yes	∐ No		for recreation —	
			Whole	Body Contac	t Recreation	on .		<u> </u>
Swimming		T	ubing 🗌	Snorke	ling/Skin E	iving [	Water Skiing	
If Intervie	wee heard	of V	VBCR use si	nce Nov. 28,	1975, ask	the follov	ving questions	•
2.a.) When	did these uses	s take	e place (e.g., year	(s)?; season?; only a	fter a rain?) and	i how often	(times/year)?	
map require	ments in the	escr	ibe specific lo	cation and ma	rk on the ma	p (See		
	<u>-</u>	_		<del></del>			<del></del>	·
								<del></del>

Secondary Contact Recreation
Fishing Wading Boating Trapping Other: List:
If Interviewee heard of SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2 d.) Where exectly? Describe and if I do to the
2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).
V. Others to Contact?
Can you recommend someone else we could contact that knows the stream? Yes No If yes, that person's contact info (name, address, phone, directions?)
If no, thank the individual for taking the time to talk to you and conclude the interview.
1.) From the Interviewee: Neil Kohler, landowner to the north, uses land to water cattle
Mile WIMEV:
2.) From the Interviewer:
VII. Information on Interviewer
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?
Yes No If yes, how (check all that apply):
Workshop? (if so, enter date): On-line training seminar?
Followed Interview Instruction Sheets?
Other
Interviewer Information:
Printed Name: TopOS+1Ad many
Employer (where applicable): BURCORD.
Interviewer's phone #: 785.218.4752 E-mail: 10000 WCK @ waroo. Com

Stream Name EAST BRANCH (WBID# 1244)
I. Introduction
Date & Time (include AM or PM):
Interviewed: In person By phone By mail (NOTE: If you are an Interviewee filling out this form to mail back to DNR, proceed to Question #1.)
Interviewee selected because (e.g., house next to stream; standing by stream, etc.)
Interviewer introduction to Interviewee: "My name is, I work for(name of your employer), and I am collecting information on how people use(name of the stream)"  ASK:  1.) Are you willing to respond to a survey about this stream? (It will just take a few minutes.)  \[ \textstyle \texts
Daytime phone number: (316) 884-5406  E-mail address (optional):
2.a.) Do you live in this area? Yes No If yes, how many years?
2.b.) If you don't live nearby, are you still familiar with this stream? Yes No If yes, how many years?  If no, thank the individual for taking the time to talk to you and conclude the interview.
3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines) Yes No  If yes, proceed to "II. Personal Use?".  If no, proceed to Section V.
<ul> <li>II. Personal Use?</li> <li>1.) Have you or your family personally used the stream for recreation since November 28, 1975?</li> <li>Yes No</li> <li>If yes, proceed to #3.</li> <li>If no, proceed to #2.</li> </ul>
2.a.) List reasons stream not used.
2.b.) Proceed to "III. Witnessed Use?".
3.) How do you use the stream?

Whole Body Contact Recreation	
Swimming Tubing Snorkeling/Skin Diving Water Skiing	
If Interviewee (or family) used the stream for WBCR since Nov. 28, 1975, ask:	
4.a.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?	<del></del> .
4.b.) Where, exactly? Describe specific location and mark on the map (See map require the protocol).	ments in
Secondary Contact Recreation	
Fishing Wading Boating Trapping Other: List:	
DESCRIPTION OF THE PROPERTY AND LANG.	
If Interviewee (or family) used the stream for SCR since Nov. 28, 1975, ask:	
4.c.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?	-
4.d.) Where, exactly? Describe specific location and mark on the map (See map requirer the protocol).	ments in
III. Witnessed Use?	
1.) Have you observed others using this stream for recreation since Nov. 28, 1975? You No	es 🗌
If yes, proceed to #2. If no, proceed to, "IV. Anecdotal Use?".	
ir no, proceed to, Tv. Anecdotal Use?".	
2.) What kinds of uses have you witnessed?	
Whole Body Contact Recreation	
Swimming Tubing Snorkeling/Skin Diving Water Skiing	
If Interviewee witnessed WBCR use since Nov. 28, 1975, ask the following questions 2.a.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?	s:

February 5, 2007

the protocol).	
	Secondary Contact Recreation
Fishing Wading	
	SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When (e.g., year(s)?	; season?; only after a rain?) and how often (times/year)?
2.d.) Where, exactly the protocol)	y? Describe specific location and mark on the map (Seemap requirements i
IV. Anecdotal Us	
IV. Anecdotal Us	
1.) Have you heard or done yourself, bu	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2.
1.) Have you heard or done yourself, bu If yes, proce If no, thank	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2.
1.) Have you heard or done yourself, bu If yes, proce If no, thank	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2.
1.) Have you heard or done yourself, bu If yes, proce If no, thank 2.) What kind of us	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2.
1.) Have you heard or done yourself, bu If yes, proce If no, thank 2.) What kind of us	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2. the individual for taking the time to talk to you and conclude the interview. es have you heard about?
<ol> <li>Have you heard or done yourself, but If yes, proce If no, thank</li> <li>What kind of us</li> </ol> Swimming	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it?  Yes  No ed to #2. the individual for taking the time to talk to you and conclude the interview. es have you heard about?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing
1.) Have you heard or done yourself, bu If yes, proce If no, thank 2.) What kind of us  Swimming   If Interviewee hear	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it?  Yes  No ed to #2. The individual for taking the time to talk to you and conclude the interview. Tubing  Snorkeling/Skin Diving  Water Skiing  Add of WBCR use since Nov. 28, 1975, ask the following questions:
1.) Have you heard or done yourself, bu If yes, proce If no, thank 2.) What kind of us  Swimming   If Interviewee hear	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it?  Yes  No ed to #2. the individual for taking the time to talk to you and conclude the interview. es have you heard about?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing
1.) Have you heard or done yourself, bu If yes, proce If no, thank 2.) What kind of us  Swimming   If Interviewee hear	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it?  Yes  No ed to #2. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview.
1.) Have you heard or done yourself, but If yes, proce If no, thank 2.) What kind of us  Swimming   If Interviewee hear 2.a.) When did these uses the second of the second	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it? Yes No ed to #2. The individual for taking the time to talk to you and conclude the interview. The individual for taking the time to talk to you and conclude the interview. The shave you heard about?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing The of WBCR use since Nov. 28, 1975, ask the following questions:  Sees take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?  Describe specific location and mark on the map (See the
1.) Have you heard or done yourself, but If yes, proce If no, thank 2.) What kind of us  Swimming   If Interviewee hear 2.a.) When did these uses the second of the second	about anyone using this stream since Nov. 28, 1975 for recreation – not see t just heard about it?  Yes No ed to #2. The individual for taking the time to talk to you and conclude the interview. es have you heard about?  Whole Body Contact Recreation Tubing Snorkeling/Skin Diving Water Skiing Tod of WBCR use since Nov. 28, 1975, ask the following questions:    See take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?    Describe specific location and mark on the map (See

Secondary Contact Recreation
Fishing Wading Boating Trapping Other: List:
If Interviewee heard of SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).
V. Others to Contact?
Can you recommend someone else we could contact that knows the stream? Yes No If yes, that person's contact info (name, address, phone, directions?)
If no, thank the individual for taking the time to talk to you and conclude the interview.
VI. Additional Comments
1.) From the Interviewee:
·
2.) From the Interviewer:
VII. Information on Interviewer
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?
Yes No If yes, how (check all that apply):
Workshop? (if so, enter date):
On-line training seminar?  Followed Interview Instruction Sheets?
Other
Interviewer Information:
Signature: Printed Name:
Timed Name.
Employer (where applicable):  Interviewer's phone #:  E-mail:

Data Sheet D—Recreational Use Interview
Stream Name EAST BRANCH (WBID# 1264)
1. Introduction
Date & Time (include AM or PM):
Interviewed: In person By phone By mail (NOTE: If you are an Interviewee filling out this form to mail back to DNR, proceed to Question #1.)
Interviewee selected because (e.g., house next to stream; standing by stream, etc.)
Interviewer introduction to Interviewee: "My name is, I work for(name of your employer), and I am collecting information on how people use(name of the stream)"  ASK:
1.) Are you willing to respond to a survey about this stream? (It will just take a few minutes.)  Yes No If yes, list contact information for the interviewee below:  Legal name: Ochkeree Ne No Current mailing address: 18305 E. 3157K 57. Harrisonville, Mo  Daytime phone number: (816) 380-7583  E-mail address (optional):
2.a.) Do you live in this area? Yes \( \sum \text{No} \) If yes, how many years? Yes \( \sum \text{No} \) \( \begin{array}{c} \left( \beta \) \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
2.b.) If you don't live nearby, are you still familiar with this stream?   Yes No If yes, how many years?  If no, thank the individual for taking the time to talk to you and conclude the interview.
3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines) Yes No If yes, proceed to "II. Personal Use?". If no, proceed to Section V.
<ul> <li>II. Personal Use?</li> <li>1.) Have you or your family personally used the stream for recreation since November 28, 1975?  Yes No  If yes, proceed to #3.  If no, proceed to #2.</li> </ul>
2.a.) List reasons stream not used.
2.b.) Proceed to "III. Witnessed Use?".
3) How do you use the stream?
crops on both sides (rental farming
FICHINIC

February 5, 2007

FISHING!

Page 26

Whole Body Contact Recreation	$\neg$
Swimming Tubing Snorkeling/Skin Diving Water Skiing	-
If Interviewee (or family) used the stream for WBCR since Nov. 28, 1975, ask:	
4.a.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?	
	_ _
4.b.) Where, exactly? Describe specific location and mark on the map (See map requirements in the protocol)	- n -
	<del>-</del> -
	_ 
Secondary Contact Recreation  Fishing Wading Boating Trapping Other: List:	4
Treat Total	
If Interviewee (or family) used the stream for SCR since Nov. 28, 1975, ask:	
4.c.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)? Fight Channel Cattering	<u>_</u> ^
	_
4.d.) Where, exactly? Describe specific location and mark on the map (See map requirements in the protocol).	1 _ _
	_
III. Witnessed Use?	
1.) Have you observed others using this stream for recreation since Nov. 28, 1975? Yes No	
If yes, proceed to #2.	4
If no, proceed to, "IV. Anecdotal Use?".	
2.) What kinds of uses have you witnessed?	
Whole Body Contact Recreation	$\neg$
Swimming Tubing Snorkeling/Skin Diving Water Skiing	
If Interviewee witnessed WBCR use since Nov. 28, 1975, ask the following questions:	
2.a.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?	
	_
	—

2.5.) Where, exactly? Describe specific location and mark on the map (Seemap requirements in the protocol).
Secondary Contact Recreation
Fishing Wading Boating Trapping Other: List:
If Interviewee witnessed SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2.d.) Where, exactly? Describe specific location and mark on the map (Seemap requirements in the protocol). FISHING IS ALLOWED AS LONG ON THASH IT US.
IV. Anecdotal Use?
<ol> <li>Have you heard about anyone using this stream since Nov. 28, 1975 for recreation – not seen or done yourself, but just heard about it? Yes No         If yes, proceed to #2.         If no, thank the individual for taking the time to talk to you and conclude the interview.     </li> </ol>
2.) What kind of uses have you heard about?
Whole Body Contact Recreation
Swimming Tubing Snorkeling/Skin Diving Water Skiing
If Interviewee heard of WBCR use since Nov. 28, 1975, ask the following questions:
2.a.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2.b.) Where, exactly? Describe specific location and mark on the map (See map requirements in the protocol).

Fishing   Wading   Boating   Trapping   Other:   List:  If Interviewee heard of SCR use since Nov. 28, 1975, ask the following questions:  2.c.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (Ementybear)?    2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).    V. Others to Contact?  Can you recommend someone else we could contact that knows the stream?   Yes   No If yes, that person's contact info (name, address, phone, directions?)    If no, thank the individual for taking the time to talk to you and conclude the interview.  VI. Additional Comments  1.) From the Interviewee:    2.) From the Interviewer been trained by Missouri DNR to conduct UAA Interviews?	Secondary Contact Recreation
2.c.) When did these uses take place (a.g., year(s)?; season?; only after a rain?) and how often (times/year)?  2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).  V. Others to Contact?  Can you recommend someone else we could contact that knows the stream?  Yes  No If yes, that person's contact info (name, address, phone, directions?)  If no, thank the individual for taking the time to talk to you and conclude the interview.  VI. Additional Comments  1.) From the Interviewee:  2.) From the Interviewer  Has interviewar been trained by Missouri DNR to conduct UAA Interviews?  Workshop? if so, enter date]: On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Interviewer Information:  Signature:	
Can you recommend someone else we could contact that knows the stream?   Yes   No   If yes, that person's contact info (name, address, phone, directions?)   If no, thank the individual for taking the time to talk to you and conclude the interview.    VI. Additional Comments   Yes   No   Interviewee:   Yes   No   If yes, how (check all that apply):   Workshop? (if so, enter date):   On-line training seminar?   Followed Interview Instruction Sheets?   Other   Interviewer Information:   Additional Signature:   Additional Signature:   Additional Signature:   Additional Signature:   Additional Comments   Other    If Interviewee heard of SCR use since Nov. 28, 1975, ask the following questions:	
2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).  V. Others to Contact?  Can you recommend someone else we could contact that knows the stream?  Yes  No If yes, that person's contact info (name, address, phone, directions?).  If no, thank the individual for taking the time to talk to you and conclude the interview.  VI. Additional Comments  1.) From the Interviewee:  2.) From the Interviewer Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes  No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interviewer Information:  Interviewer Information:  Signature:  Interviewer Information:  Signature:  Interviewer Information:  Signature:  Interviewer Information:  Interviewer Information:  Signature:  Interviewer Information:  Signature:  Interviewer Information:  Interviewer Information:  Signature:  Interviewer Information:  Interviewer	(times/year)?
W. Others to Contact?  Can you recommend someone else we could contact that knows the stream?	
V. Others to Contact?  Can you recommend someone else we could contact that knows the stream?	map requirements in the
V. Others to Contact?  Can you recommend someone else we could contact that knows the stream?	
Can you recommend someone else we could contact that knows the stream?	
If yes, that person's contact info (name, address, phone, directions?)  If no, thank the individual for taking the time to talk to you and conclude the interview.  VI. Additional Comments  1.) From the Interviewee:  2.) From the Interviewer:  WII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	V. Others to Contact?
If no, thank the individual for taking the time to talk to you and conclude the interview.  VI. Additional Comments  1.) From the Interviewee:  2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply): Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets? Other  Interviewer Information: Signature:	If yes, that person's contact info (name, address, phone, directions?)
VII. Additional Comments  1.) From the Interviewee:  2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	
1.) From the Interviewee:  2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	
2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	VI. Additional Comments
2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	1.) From the Interviewee:
2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	
2.) From the Interviewer:  VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date):  On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information:  Signature:	
VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply): Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets? Other  Interviewer Information: Signature:	
VII. Information on Interviewer  Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply): Workshop? (if so, enter date): On-line training seminar? Followed Interview Instruction Sheets? Other  Interviewer Information: Signature:	
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes_No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information: Signature:	2.) From the Interviewer:
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes_No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information: Signature:	
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes_No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information: Signature:	
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?  Yes No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets?  Other  Interviewer Information: Signature:	
Yes_No If yes, how (check all that apply):  Workshop? (if so, enter date): On-line training seminar?  Followed Interview Instruction Sheets? Other  Interviewer Information: Signature:	VII. Information on Interviewer
Interviewer Information: Signature:	Yes_No If yes, how (check all that apply): Workshop? (if so, enter date): On-line training seminar? Followed Interview Instruction Sheets?
	Interviewer Information: Signature:
Employer (where applicable) BNE COPP.  Interviewer's phone #: 705.310.4752E-mail: ideauck@uahoo.C	Employer (where applicable) SNF COTO.

Daytime phone number: (3/6) 6/9-2490 E-mail address (optional):  2.a.) Do you live in this area? Yes \[ \] No If yes, how many years? Sueral Years  2.b.) If you don't live nearby, are you still familiar with this stream? \[ \] Yes \[ \] No If yes, how many years? If no, thank the individual for taking the time to talk to you and conclude the interview.  3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines) \[ \] Yes \[ \] No If yes, proceed to "III. Personal Use?". If no, proceed to Section V.    I. Personal Use?   Yes \[ \] No If yes, proceed to #3. If no, proceed to #2.  2.a.) List reasons stream not used.    2.b.) Proceed to "III. Witnessed Use?".  3.) How do you use the stream?	<b>.</b>	Date	Sneet D-R	ecreation	ai Use Intervi	<u>ew</u> , , , , , ,	
Date & Time (include AM or PM):	Stream Name	EAST	BRANCI	<u> </u>	(WBID #	1264)	
Interviewed:				ب		·	
(NOTE: If you are an Interviewee filling out this form to mail back to DNR, proceed to Question #1.)  Interviewee selected because (e.g., house next to stream; standing by stream, etc.)    OWNS FORM OT STREETM 3 ACLES FOINT	Date & Time (inc	lude AM or P	M): <u>//                                  </u>	5	5/22		
Interviewer introduction to Interviewee: "My name is, I work for _(name of your employer), and I am collecting information on how people use(name of the stream)"  ASK:  1.) Are you willing to respond to a survey about this stream? (It will just take a few minutes.)  Yes No If yes, list contact information for the interviewee below:  Legal name:	Interviewed: [ (NOTE: If you are	In person an Interview	By phone ee filling out thi	By n	nail ail back to DNI	R, proceed to Questio	n #1.)
Interviewer introduction to Interviewee: "My name is, I work for _(name of your employer), and I am collecting information on how people use(name of the stream)"  ASK:  1.) Are you willing to respond to a survey about this stream? (It will just take a few minutes.)  Yes No If yes, list contact information for the interviewee below:  Legal name:	Interviewee select	eted because	e (e.g., house nex	t to stream; s ろアモモカノ	tanding by stream	1, etc.) (455 Foin	<del></del>
Yes \ No If yes, list contact information for the interviewee below:  Legal name: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Interviewer intre employer), and ASK:	oduction to d I am collec	Interviewee: eting information	"My name on on how	people use	, I work for(name (name of the stream)	of your "
<ul> <li>2.b.) If you don't live nearby, are you still familiar with this stream?  Yes  No If yes, how many years?  If no, thank the individual for taking the time to talk to you and conclude the interview.</li> <li>3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines)  Yes  No  If yes, proceed to "II. Personal Use?".  If no, proceed to Section V.</li> <li>   Personal Use?</li> <li>1.) Have you or your family personally used the stream for recreation since November 28, 1975?  Yes  No  If yes, proceed to #3.  If no, proceed to #2.</li> <li>2.a.) List reasons stream not used.</li> <li>2.b.) Proceed to "III. Witnessed Use?".</li> <li>3.) How do you use the stream?</li> </ul>	Yes Yes Legal nan Current m Daytime p E-mail ad	No If your net in the control of your number of the control of the	es, list contact  Emme  ss: 15900  er: (816) 6	informatio	n for the interv NACKSON 319TN 490	viewee below:	IE MAO
<ul> <li>2.b.) If you don't live nearby, are you still familiar with this stream?  Yes  No If yes, how many years?  If no, thank the individual for taking the time to talk to you and conclude the interview.</li> <li>3.) Are you familiar with this particular stretch of the stream? (show them the map, pointing out local landmarks such as roads, bridges, property lines)  Yes  No  If yes, proceed to "II. Personal Use?".  If no, proceed to Section V.</li> <li>   Personal Use?</li> <li>1.) Have you or your family personally used the stream for recreation since November 28, 1975?  Yes  No  If yes, proceed to #3.  If no, proceed to #2.</li> <li>2.a.) List reasons stream not used.</li> <li>2.b.) Proceed to "III. Witnessed Use?".</li> <li>3.) How do you use the stream?</li> </ul>	2.a.) Do you live If yes, how	in this area' w many year	? Yes  Swera	No 1 Yea	15		
landmarks such as roads, bridges, property lines) Yes No If yes, proceed to "II. Personal Use?". If no, proceed to Section V.    II. Personal Use?	2.b.) If you don't If yes, how	t live nearby w many year	, are you still frs?	familiar wi	th this stream?	•	erview.
<ol> <li>Have you or your family personally used the stream for recreation since November 28, 1975?         <ul> <li>Yes</li> <li>No</li> <li>If yes, proceed to #3.</li> <li>If no, proceed to #2.</li> </ul> </li> <li>List reasons stream not used.</li> <li>2.b.) Proceed to "III. Witnessed Use?".</li> <li>3.) How do you use the stream?</li> </ol>	landmarks such If yes, pro	as roads, bridg oceed to "∏.	es, property lines Personal Use?	) Yes	stream? (show t	them the map, pointing	out local
2.b.) Proceed to "III. Witnessed Use?". 3.) How do you use the stream?	1.) Have you or y Yes N If yes, pro	your family provided from the family provided	personally used	the stream	n for recreation	n since November 2	8, 1975?
3.) How do you use the stream?	2.a.) List reasons	s stream not	used.				
3.) How do you use the stream?							
	2.b.) Proceed to	"III. Witnes	ssed Use?".				
	3.) How do you	use the strea	m?				
USED FOR FARMING							

	Whole Body Contact Recreation
Swimming	Tubing Snorkeling/Skin Diving Water Skiing
If Interviewee (or fa	amily) used the stream for WBCR since Nov. 28, 1975, ask:
	?; season?; only after a rain?) and how often (times/year)?
	the arams and now often (times/year)?
4.b.) Where, exactly	? Describe specific location and mark on the map (See map requirements in
the protocol)	
<u> </u>	·
	Secondary Contact Recreation
Fishing Wading	Boating Trapping Other: List:
If Interviewee (or f	amily) used the stream for SCR since Nov. 28, 1975, ask:
	•
4.C.) When (e.g., year(s)?;	season?; only after a rain?) and how often (times/year)?
<del></del>	
the protocol).	? Describe specific location and mark on the map (See map requirements in
III. Witnessed Us	<u>e?</u>
1.) Have you observ No	ved others using this stream for recreation since Nov. 28, 1975? Yes
1.) Have you observ No If yes, procee	ved others using this stream for recreation since Nov. 28, 1975? Yes ed to #2.
1.) Have you observ No If yes, proceed If no, proceed	yed others using this stream for recreation since Nov. 28, 1975? Yes ded to #2.
1.) Have you observ No If yes, proceed If no, proceed	ved others using this stream for recreation since Nov. 28, 1975? Yes ed to #2.
1.) Have you observ No If yes, proceed If no, proceed	yed others using this stream for recreation since Nov. 28, 1975? Yes ded to #2.  d to, "IV. Anecdotal Use?".  see have you witnessed?
If yes, proceed If no, proceed 2.) What kinds of us	ved others using this stream for recreation since Nov. 28, 1975? Yes ed to #2. d to, "IV. Anecdotal Use?". sees have you witnessed?  Whole Body Contact Recreation
1.) Have you observe No  If yes, proceed If no, proceed 2.) What kinds of use Swimming   If Interviewee wither	red others using this stream for recreation since Nov. 28, 1975? Yes ed to #2.  d to, "IV. Anecdotal Use?".  ses have you witnessed?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing  essed WBCR use since Nov. 28, 1975, ask the following questions:
1.) Have you observe No  If yes, proceed If no, proceed 2.) What kinds of use Swimming   If Interviewee with the 2.a.) When (e.g., year)	red others using this stream for recreation since Nov. 28, 1975? Yes ed to #2.  d to, "IV. Anecdotal Use?".  Sees have you witnessed?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing
1.) Have you observe No  If yes, proceed If no, proceed 2.) What kinds of use Swimming   If Interviewee with the 2.a.) When (e.g., year)	red others using this stream for recreation since Nov. 28, 1975? Yes ed to #2.  d to, "IV. Anecdotal Use?".  Sees have you witnessed?  Whole Body Contact Recreation  Tubing Snorkeling/Skin Diving Water Skiing  essed WBCR use since Nov. 28, 1975, ask the following questions:  (s)?; season?; only after a rain?) and how often

February 5, 2007

the protocol)
Secondary Contact Recreation
Fishing Wading Boating Trapping Other: List:
If Interviewee witnessed SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
(-g,,)-=(o),, souson, only and a family and now often (times/year)?
2.d.) Where, exactly? Describe specific location and mark on the map (Seemap requirements in the protocol).
·
IV. Anecdotal Use?
<ol> <li>Have you heard about anyone using this stream since Nov. 28, 1975 for recreation – not see or done yourself, but just heard about it?  Yes  No         If yes, proceed to #2.         If no, thank the individual for taking the time to talk to you and conclude the interview.     </li> </ol>
2.) What kind of uses have you heard about?
Whole Body Contact Recreation
Swimming Tubing Snorkeling/Skin Diving Water Skiing
If Interviewee heard of WBCR use since Nov. 28, 1975, ask the following questions:
2.a.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2.b.) Where, exactly? Describe specific location and mark on the map (See map requirements in the protocol).

Secondary Contact Recreation
Fishing Wading Boating Trapping Other: List:
If Interviewee heard of SCR use since Nov. 28, 1975, ask the following questions:
2.c.) When did these uses take place (e.g., year(s)?; season?; only after a rain?) and how often (times/year)?
2.d.) Where, exactly? Describe specific location and mark on the (See map requirements in the protocol).
V. Others to Contact?
Can you recommend someone else we could contact that knows the stream? Yes No If yes, that person's contact info (name, address, phone, directions?)
<u> </u>
If no, thank the individual for taking the time to talk to you and conclude the interview.
VI. Additional Comments
1.) From the Interviewee: MAY WISH TO SPEAK WITH  MR ANDERSON FOR MORE KNOWLEDGE OF
MR ANDERSON FOR MORE KNOWLEDGE OF STREAM
SIREAM
2.) From the Interviewer:
VII. Information on Interviewer
Has interviewer been trained by Missouri DNR to conduct UAA Interviews?
Yes No If yes, how (check all that apply):
Workshop? (if so, enter date):
On-line training seminar?
Followed Interview Instruction Sheets?
Other
Interviewer Information:
Signature:
ri med name:
Employer (where applicable):  Interviewer's phone #: E-mail:
Interviewer's phone #: E-mail: